

# Oracle Fusion Cloud SCM

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**Subject Areas for Transactional  
Business Intelligence in SCM**

24D

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# Contents

<b>Get Help</b>	<b>i</b>
<hr/>	
<b>1 Introduction</b>	<b>1</b>
About This Guide	1
<b>2 Subject Areas</b>	<b>3</b>
Overview	3
Costing - Cost Accounting Period Close Real Time	3
Costing - Cost Accounting Real Time	4
Costing - Cost Rollup Details Real Time	5
Costing - Fiscal Document Capture Transactions Real Time	6
Costing - Fiscal Document Holds Real Time	7
Costing - Fiscal Document Item Deliveries Real Time	8
Costing - Interfaced Fiscal Document Real Time	9
Costing - Landed Costs Real Time	11
Costing - New COGS and Gross Margin Details Real Time	12
Costing - Overhead Rates Real Time	13
Costing - Period Intransit Inventory Valuation Real Time	14
Costing - Period Inventory Valuation Real Time	15
Costing - Periodic Average Cost Real Time	16
Costing - Perpetual Average Cost Real Time	17
Costing - Receipt Accounting Period Close Real Time	18
Costing - Receipt Accounting Real Time	19
Costing - Resource Rates Real Time	20
Costing - Standard Cost Real Time	21
Costing - Transaction Cost Real Time	22
Costing - Where Used Details Real Time	23
Costing - Work Order Costs Real Time	24
Enterprise Quality Actions Real Time	25
Enterprise Quality Issues Real Time	26
Innovation Management - Concepts Real Time	28
Innovation Management - Ideas Real Time	29

---

Innovation Management - Portfolio Cost Real Time	30
Innovation Management - Portfolio Lifecycle Real Time	31
Innovation Management - Portfolio Resource Real Time	32
Innovation Management - Portfolio Revenue Real Time	33
Innovation Management - Portfolios Real Time	35
Innovation Management - Product Portfolio Real Time	36
Innovation Management - Product Proposals Cash Flow Real Time	37
Innovation Management - Product Proposals Real Time	38
Innovation Management - Requirements Real Time	39
Innovation Management - Scenario Lifecycle Real Time	41
Installed Base - Customer Asset Real Time	42
Installed Base - Customer Asset Structure Real Time	43
Installed Base - Meter Based Asset Usage Real Time	44
Inventory - Inventory ABC Real Time	45
Inventory - Inventory Balance Real Time	46
Inventory - Inventory Cycle Count Real Time	47
Inventory - Inventory Supply Real Time	48
Inventory - Inventory Transactions Real Time	49
Inventory - Inventory Transfer Order Real Time	50
Inventory Organization Real Time	51
Maintenance Management - Asset Real Time	52
Maintenance Management - Forecast Real Time	54
Maintenance Management - Material Usage Real Time	55
Maintenance Management - Purchased Item Usage Real Time	56
Maintenance Management - Resource Usage Real Time	57
Maintenance Management - Work Order Performance Real Time	58
Maintenance Management - Work Requirement Real Time	59
Manufacturing - Actual Production Real Time	60
Manufacturing - Material Usage Real Time	61
Manufacturing - Production Exceptions Real Time	63
Manufacturing - Purchased Item Usage Real Time	64
Manufacturing - Resource Usage Real Time	65
Manufacturing - Work Order Performance Real Time	66
OTBI Performance Real Time	67
OTBI Usage Real Time	68
Order Management - Order Headers Real Time	70
Order Management - Order Holds Real Time	71

Order Management - Order Lines Real Time	72
Order Management - Price Adjustments Real Time	73
Order Management - Process Instances Real Time	74
Product Genealogy - Genealogy Instance Real Time	75
Product Genealogy - Genealogy Object Composition Real Time	76
Product Genealogy - Genealogy Object Where Used Real Time	78
Product Genealogy - Genealogy Structure Real Time	79
Product Genealogy - Genealogy Transaction Real Time	80
Product Management - Change Order Approvals Real Time	81
Product Management - Change Order Line Real Time	82
Product Management - Change Order Real Time	83
Product Management - Components Real Time	84
Product Management - Cross Reference Item Real Time	85
Product Management - Item Catalog Category Hierarchy Real Time	86
Product Management - Item Revisions Real Time	87
Product Management - Item Supplier Uploads Real Time	89
Product Management - New Item Request Approvals Real Time	90
Product Management - New Item Request Line Real Time	91
Product Management - New Item Request Real Time	92
Product Management - Organization Hierarchy Real Time	93
Product Management - Related Item Real Time	94
Product Management - Source System Item Real Time	95
Product Management - Structures Real Time	97
Product Management - Structures and Components Real Time	98
Product Management - Trading Partner Item Real Time	99
Product Management - Where Used Real Time	100
Product Recall Management Real Time	101
Receiving - In-Transit Advanced Shipment Notifications Real Time	103
Receiving - In-Transit Interorganization Inventory Transfers Real Time	104
Receiving - In-Transit Shipments Real Time	105
Receiving - Interorganization Receipts Real Time	106
Receiving - Purchase Receipts Real Time	107
Receiving - Receipts Real Time	108
Receiving - Transactions Real Time	109
Receiving - Unordered Receipts Real Time	110
Security - Audit Real Time	111
Security - Roles and Privileges Real Time	112

Service Logistics - Parts Fulfillment Performance Real Time	114
Service Logistics - Service Parts Profitability Real Time	115
Shipping Real Time	116
Supply Chain Collaboration - Supply Planning Real Time	117
Supply Chain Financial Orchestration Real Time	118
Supply Chain Orchestration - Supply Order Real Time	119
Supply Chain Orchestration - Supply Request Real Time	121
Supply Chain Planning Real Time	122

### **3 Business Questions 125**

---

Overview	125
What are the details for a costed bill of materials of a rollup assembly product?	125
Which assembly's cost is impacted by the change in cost of a particular component?	126
What are the transaction details for the transactions that are not processed or interfaced to costing for a cost accounting period?	126
What is the summary of validation errors for a cost accounting period that need to be reviewed prior to the cost accounting period close?	127
Which cost accounting transactions are not accounted for or transferred to the general ledger for a cost accounting period?	128
What is the account balance amount by cost transaction type for a given cost organization and cost book?	128
What is the cost account balance by cost accounting distribution and journal line type?	129
What are the estimated and actual charges for materials by item detail?	130
What is the actual cost associated with acquiring items, which includes insurance, transportation, handling, storage, container, and import or export charges?	130
What are the total indirect costs per category and unit?	131
What are the transaction details for the transactions that are not processed or interfaced to receipt accounting for a general ledger accounting period?	132
What is the summary of validation errors for a general ledger accounting period that need to be reviewed prior to the general ledger accounting period close for receipt accounting?	132
Which receipt accounting transactions are not accounted or transferred to the general ledger for a general ledger accounting period?	133
What is the ledger amount by line type for receipt account distributions?	134
What is the purchase order receipt transaction amount by receipt account distribution and receipt accounting transaction details?	134
What are the resource rates per name, type, scenario, and unit?	135
What are the estimated and actual costs for work orders?	136
What are the line item costs per work order per product?	136

What are the planned vs. actual work hours charged per work order?	137
What are the transportation costs for work orders?	138
What is the cost of goods sold (COGS) across business units for a given item?	139
What is the breakdown of the cost of goods sold (COGS) by cost element?	139
What is the gross margin by business unit for a fiscal quarter?	140
What are the requirements related to a given concept?	140
What is the count of concepts aging more than 90 days?	141
What are the counts of concepts by draft, approved, and converted statuses?	142
What is the count of ideas related to a concept?	142
How long have ideas been aging?	143
How many ideas are in each state?	144
What are the counts for related ideas, concepts, or proposals?	144
What state are ideas in?	145
When was an idea last updated or voted on?	146
Which customers or users have posted ideas?	146
What are the projected and actual production labor costs by cost category?	147
What are the projected and actual costs by portfolio and lifecycle phase?	148
What are the three worst overallocated resource pools?	148
What is the resource pool status over time?	149
What are the projected and actual revenues by revenue category?	150
What is the strategic fit of each product in the portfolio based on qualities such as alignment and impact?	150
What are the actual and projected development, labor, material, and fixed costs?	151
What are the actual, target, and projected resources, costs, and revenues?	152
What are the portfolio, proposal, and scenario details?	152
What are the product assessment scores relative to the market alignment, impact, competitive advantage, and supply chain fit?	153
What is the breakdown of portfolios by business unit and by product line across a specified time?	154
What are the investment return, payback period, and probability of success over a period of time?	154
What is the investment revenue of a particular portfolio.	155
What are the projected vs. actual revenue, cost, and margins for each product proposal?	156
What is the product and market attractiveness strategic fit? Is it aligned to the market?	156
What are the projected and actual development and production costs?	157
What is the investment return of a particular product portfolio?	158
What is the time required to launch a specific product portfolio?	158
What is the total of direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?	159

What is the total of projected direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?	160
Which product portfolio is at risk?	160
What are the counts of requirements in draft, pending, and approved statuses?	161
What are the counts of requirements specifications within 30, 60, 90, and 90 plus timeframes?	162
What is the average age of requirements?	162
What is the count of concepts related to requirement specifications?	163
What is the count of proposals related to requirement specifications?	164
What is the count of requirement dependencies and impacts at the requirement specifications state?	164
What is the total count of requirements?	165
How do various products in the scenario compare based on a market vs. strategic fit?	166
What is the deviation in absolute numbers and in percentage?	166
What are the total revenue, total cost, and total margin of the scenario?	167
What are all the assets sold to a customer for a given period?	168
What is the asset configuration when the asset is shipped to a customer?	168
What are the meter readings for a particular asset or assets during a specified period of time?	169
What are the meter readings per work order and in a time period for specified work orders?	169
What are the maintenance work order costs (for example, maintenance cost per mile or maintenance cost per production unit) associated to meter readings?	170
What are the meter readings for assets associated to a contract?	171
What are the ABC assignment quantities and item values?	172
What are the ABC classification cumulative values?	172
What are the ABC classification set quantities and values?	173
What are the current on-hand quantities by item, inventory organization, and subinventory?	173
What is the supplier site for a consigned inventory?	174
What percentage of the on-hand quantity is consigned?	175
What are the adjustment value tolerances?	175
What are the cycle counts by ABC assignment groups?	176
What are the inventory cycle counts in a specific count sequence, such as recounts, rejected, or approved?	176
What percentage of variance is hit-and-miss?	177
What are the current in-transit inventory quantities by item and inventory organization?	178
What are the real-time supply quantities by supply type and destination type?	178
What are the transactions for a given item in an inventory organization for a given day?	179
What is the inventory transaction quantity by transaction type for a given inventory organization?	180
What are all the transfer orders, with header and line information, for an item in an inventory organization?	180
What are the transfer order quantities by transaction type for the source and destination locations?	181
What are the distinct locators within a subinventory?	182



What are the distinct subinventories within a given inventory organization?	182
What are the assets by item, location, and associated work orders?	183
What are the daily resource requirements?	183
What are the maintenance work orders scheduled today?	184
What materials are required to execute maintenance work orders scheduled today?	185
What maintenance work orders were completed today?	185
What materials and resources were transacted today?	186
What are the actual vs. planned material usage quantities per product and per work order?	186
What is the quantity of returned material?	187
What is the quantity of material usage issued?	188
What is the material usage variance?	188
What are the actual vs. planned resource usage quantities per product and work order?	189
What is the quantity of resource returned?	189
What is the issued quantity of resource usage?	190
What is the resource usage variance?	191
How many work orders have been open for one, three, seven and seven plus days?	191
What is the average cycle time for work orders?	192
What is the total number of work orders past due, unreleased, and on hold?	192
What are the work requirements associated to a specific maintenance program?	193
What are the work requirements defined for a specific asset, item, or maintenance organization?	194
What are the work requirements for assets located at a specific work center?	194
What are the work requirements based on a specific work definition?	195
What are the percentages and counts of assets that have a maintenance program associated with a work center?	195
What are the maintenance programs that have a reviewed date that is before a specific date?	196
What are the maintenance programs that were last forecasted in a specific period?	196
What are the forecasts that must be started during a specific period for a specific work center and based on a specific work definition?	197
What are the work orders created from forecasts of a specific maintenance program with start dates within a specific period?	197
What is the count of work orders created from forecasts of a specific maintenance program with start dates within a specific period?	198
What are the requisition quantity and requisition amount?	199
What are the purchase order quantity, purchase order amount, return to supplier quantity, correct receipt quantity, and correct return quantity?	199
What is the primary quantity during actual production?	200
What is the transaction quantity during actual production?	201

How many quantities are open?	201
What are the material issued, returned, and negative quantities?	202
What is the material usage required quantity vs. actual quantity used?	202
How many production exceptions are open?	203
What are the planned resource vs. actual usage?	203
What is the usage quantity variance?	204
What percentage of work orders were scrapped and rejected?	205
What is the aging time for work orders?	205
What is the quantity of work orders in various statuses?	206
What is the time spent for an operation that is running, idle, or queued?	206
What is the total number of rework and transform work orders?	207
What is the total number of work orders on hold or unreleased?	208
What is the purchased item quantity that was requested for a work order?	208
What is the purchased item quantity that was ordered?	209
What is the purchased item quantity that was received?	209
What is the purchased item quantity that was returned back to receiving?	210
What is the purchased item quantity that was returned back to the supplier?	211
What is the purchased item quantity corrected for receipt transactions?	211
What is the purchased item quantity corrected for return to supplier transactions?	212
What is the number of orchestration orders for a selected time period?	213
What is the value of on-time orchestration orders for a selected status?	213
How many orders are on hold by category, item, or customer?	214
How much time is required to resolve an on-hold order?	215
What is the actual shipped date?	215
What is the current status for each order line?	216
When are my orders scheduled to ship?	216
When did I fulfill my orders?	217
What are the price adjustment charge amounts?	218
What are the price adjustment cost amounts?	218
What are the price adjustment discount amounts?	219
How long does it take to complete a task?	219
How long does it take to process and fulfill an order?	220
How many tasks are active?	221
What are the actual vs. planned completion processing times of orders?	221
Which orders are in jeopardy? What are the jeopardy reasons?	222
How many users run OTBI analyses?	223
Who are the top N OTBI users?	223

What is the weekly OTBI analysis usage trend?	224
What are the top N most frequently-run OTBI analyses?	224
How many predefined OTBI analyses have been run in the past month?	225
How many custom OTBI analyses have been run in the past month?	226
How many ad-hoc OTBI analyses have been run in the past month?	226
What is the execution history of dashboard X in the past month?	227
Which analyses have low usage in the past three months?	228
How many OTBI SOAP web services have been run in the past month?	228
What are the long-running analyses in the past month?	229
What is the OTBI execution time histogram in the past month?	230
Which analyses have the longest response time?	230
Which analyses have high data row count?	231
Which analyses reached OTBI max row limit?	231
What are the common execution errors in the past month?	232
How many analyses and dashboards failed in the past month?	233
What are the most commonly used OTBI subject areas?	233
What are the least-used OTBI subject areas?	234
Which subject areas are used frequently in ad-hoc OTBI analyses?	234
Which analyses have low usage because of poor performance?	235
How many database SQLs are executed by an analysis?	236
What is the database SQL execution time and row count?	236
What is the analysis total execution time and row count?	237
What are the product genealogy instance details?	237
What are the current location details for a genealogy instance?	238
What are the customer account information details for a genealogy instance?	239
What is the genealogy instance quantity?	239
What are the current location details?	240
What is the real-time component structure of a genealogy object?	241
What is the real-time information on all genealogy objects where a specified component is used.	241
What are the product genealogy transaction details?	242
What are the genealogy party and genealogy location references?	243
What are the child components and related levels for a parent object?	243
What are the product genealogy transaction details for a parent object?	244
For a given component, what is the parent object, where is the component used, and what are the related levels of the component?	245
What components make up an item?	245
What assemblies may be impacted if changes are made to an item?	246

Which are the organization hierarchies that contain a particular organization?	247
Which are the organization hierarchies that contain an item's organization at any level in the organization hierarchy?	247
Which are the organization hierarchies that contain an item structure organization at any level in the organization hierarchy?	248
What is the cycle time of approvals for change orders?	249
What is the cycle time of each status of a change order?	249
What is the cycle time by approvers of change orders?	250
Which change orders took the longest?	250
Which change orders are in the approval status for a long time?	251
What are the workflow transition details of a change order? Who are the approvers, and what were their comments?	252
What is the cycle time of approvals for new item requests?	252
What is the cycle time of each status of a new item request?	253
What is the cycle time by approvers of new item requests?	254
Which new item requests took the longest?	254
Which new item requests are in the approval status for a long time?	255
What is the count of change order lines by change order status?	255
What are the change orders pending approval?	256
What is the average age of change orders by change order type?	257
What is the current count of change orders by approval status?	257
What are the counts of change order lines by item, category, and catalog?	258
What is the count of cross-referenced items by cross-reference type?	259
What is the count of records with cross-referenced item numbers for a given category?	259
What are the approved items for an organization?	260
What is the count of rejected items by item type and item class?	261
What are the counts and percentages of products per supplier in various states, such as created, rejected, requiring corrections, and imported?	261
What is the average correction time per supplier?	262
What is the average time between supplier product submission and corresponding master item creation?	263
What is the count of products per supplier across a specific time interval, such as a week, month, quarter, year, and period?	263
What is the number of products by category, by upload, and without attachments per supplier?	264
What is the count of new item request lines by request line status?	265
What is the count of new item request lines requested this month?	265
How many new item requests have been rejected for an item?	266
What are the new item requests pending approval?	267

What is the average cycle time by new item request priority?	267
What are the related items by related item type for a given item?	268
What are the corresponding source system items by source system type for a given item?	268
What are the different structures by structure type for a given item?	269
What is the effectivity for a given item structure?	270
What are the different related items by trading partner type for a given item?	270
To which categories and hierarchies are items assigned to?	271
What are the categories in a catalog?	271
What are the counts of quality actions that are in draft, open, in-progress, and completed states?	272
What are the counts of quality actions that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?	273
What is the overall average cycle time for quality actions?	273
What is the average cycle time for quality actions that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?	274
What is the count of affected items that were impacted by quality actions?	275
What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality actions?	276
What are the counts of quality issues that are in draft, open, in-progress, and completed states?	276
What are the counts of quality issues that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?	277
What is the overall average cycle time for quality issues?	278
What is the average cycle time for quality issues that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?	279
What is the count of affected items that were impacted by the quality issues?	279
What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality issues?	280
What is the count of in-transit advance shipment notice lines by supplier?	281
What is the shipped quantity by carrier?	281
What is the total shipped quantity of in-transit inventory between a source inventory organization and a destination inventory organization?	282
What is the total in-transit quantity for a given inventory organization as of today?	283
What are the receipt amounts?	283
What are the receipt quantities in various states, such as accepted, rejected, delivered, returned, shipped, and actual-received?	284
What is the interorganizational count of receipts?	284
What is the count of purchasing receipt lines by item and inventory organization?	285
What is the returned quantity by item and inventory organization?	286
What percentage of the shipped quantity for an item has been received into inventory at a receiving inventory organization?	286

What are the transaction quantity and actual received quantity by item and by receiving inventory organization?	287
How do the unordered receipts compare to purchase orders?	288
Why am I not able to view certain subject areas with my login credentials?	288
Which data security policy would provide access to the data I need to see?	289
Can I view and edit a particular page? If yes, which functional security policy do I need to provide to a user who needs similar access?	290
I have not added a specific role to a user, but the user seem to have this job role. Can I trace how has this been inherited by the user?	290
What are all the data security privileges that a specific user added?	291
Which roles were added with a specific functional security policy, and who added them?	292
How often did customer-ordered parts arrive ontime?	292
How often did field service-ordered parts arrive ontime?	293
What is the revenue for parts sales?	293
Did we make or lose money on part exchanges?	294
What is the revenue for each parts category?	294
What shipments are closed for a sold-to customer?	295
What shipments of an item are due today or tomorrow?	296
Which shipments are late to the inventory organization?	296
What are the forecast and commit quantities aggregated across suppliers, supplier sites, ship-to locations, and items?	297
What are the incremental monthly commits, monthly forecasts, and monthly commits to forecast over time?	297
What are the individual commit differences across versions?	298
What are the individual commit records?	299
What are the individual forecast commits?	299
What are the individual forecast versions?	300
What is the historical weekly or monthly aggregation of commit-to-forecast data for a given supply chain collaboration relationship in a waterfall table view using a pivot table?	300
What are the financial flow details that were generated for a physical supply chain execution event?	301
What are the tasks generated and the details of transfer price for a financial flow?	302
What are the tax details for the intercompany receivables and intercompany payables that were generated as part of the financial orchestration?	302
What are the cost accounting distributions for the trade transactions that are part of a financial flow?	303
Which sales orders have multiple supply orders?	304
Which are the open supply orders and transfer orders where sales orders are shipped or closed?	304
Which are the open purchase requisitions, reservations, and work orders where sales orders are shipped or closed?	305

What is the number of days since a supply request was created?	305
What are the sales orders with no supply documents by supply type?	306
How do I identify the key exception areas in my supply chain plan?	307
How much of the supply quantity of the components is allocated for meeting the end demands?	307
What are the key recommendations that a planner needs to implement?	308
What items and quantities are needed for meeting a specific end demand?	309
Which supply orders are needed for meeting a specific set of end demands?	310
Which item locations have fill rate violations?	310
Which item locations have stockouts?	311
Which item locations have safety stock violations?	312
What are the final consumption forecast and history?	312
What is the average lead time of recall tasks in each department, location, or warehouse?	313
Who are the manufacturers from whom product recalls originate very often?	314
How many pending recall tasks does a warehouse operator or counter of a periodic automatic replenishment (PAR) subinventory have at a point in time?	314
Which are the departments or locations holding the recalled parts?	315
Is there any discrepancy between the estimated recall quantity and current on-hand quantity in any perpetual location for an item or lot before the recall count is performed?	316
Which are the recall notices that take long to get resolved?	316
How do the recalled parts get disposed of? Are they disposed of according to the replacement types indicated in the recall notices?	317
What is the price at which a debit memo must be raised for recalled parts that were disposed of?	318
What are the item categories that frequently get product recalls?	318
Which are the departments or locations with recalled parts for which action must be taken?	319
What are the inbound transactions that are on recall?	319
What measures are taken to address the inbound transactions that were on recall?	320
Which are the business units to which a recall notice is assigned?	321
What are the counts of holds that are placed, released, and pending?	321
What are the amounts on hold?	322
What is the count of fiscal documents on hold?	322
What is the count of items pending delivery?	323
What is the count of fiscal documents containing errors?	324
What are the counts of errors for fiscal document lines, legal processes, and references?	324
What are the counts of the fiscal document transactions?	325
What is the quantity and value of the in-transit material at a period end or current date?	326
What is the inventory onhand quantity and its value at period end or current date.	326
What are the Periodic Average costs and supporting details for a cost accounting period?	327

What are the perpetual average costs and associated transaction details?	328
Whats are the standard cost details for an item and valuation unit as of a specific date?	328
Whats are the transaction costs associated to the inventory transactions?	329

## **4 Job Roles 331**

---

Overview	331
Application Implementation Consultant	331
Asset Administrator	332
Backlog Manager	333
Cost Accountant	334
Demand Planner	336
Demand and Supply Planner	337
Field Service Administrator	338
Fiscal Document Specialist	339
IT Security Manager	340
Inventory Manager	341
Maintenance Manager	342
Maintenance Technician	344
Materials Planner	346
Order Administrator	347
Order Manager	348
Product Data Steward	349
Product Design Engineer	351
Product Design Manager	353
Product Management VP	355
Product Manager	356
Product Portfolio Manager	360
Product Recall Manager	362
Production Supervisor	363
Quality Analyst	365
Quality Engineer	366
Receiving Specialist	367
Replenishment Planner	368
Sales and Operations Planner	368
Shipping Manager	369
Supply Chain Collaboration Planner	370
Supply Chain Controller	371



Supply Chain Operations Manager	371
Supply Chain Planner	372
Warehouse Manager	373

## **5 Duty Roles** **377**

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Overview	377
COGS and Gross Margin Transaction Analysis Duty	377
Cost Transaction Analysis Duty	378
External Product Catalog Transaction Analysis Duty	379
Fiscal Document Capture Item Deliveries Transaction Analysis Duty	380
Fiscal Document Capture Transaction Analysis Duty	381
Installed Base Customer Asset Transaction Analysis Duty	381
Inventory Transaction Analysis Duty	382
Maintenace Execution Transaction Analysis Duty	384
Manufacturing Execution Analysis Duty	385
OTBI Report Performance Transactional Analysis Duty	387
OTBI Report Usage Transactional Analysis Duty	388
Orchestration Process Transaction Analysis Duty	389
Order Holds Transaction Analysis Duty	389
Order Pick Transaction Analysis Duty	390
Order Transaction Analysis Duty	391
Product Catalog Transaction Analysis Duty	392
Product Designer Transaction Analysis Duty	394
Product Genealogy Transaction Analysis Duty	396
Product Management VP Real Time Transaction Analysis Duty Role	397
Product Portfolio Manager Real Time Transaction Analysis Duty Role	398
Product Proposal Manager Real Time Transaction Analysis Duty Role	399
Product Recall Management Transaction Analysis Duty	400
Quality Issues and Actions Transaction Analysis Duty	401
Receipt Accounting Transaction Analysis Duty	402
Receiving Transaction Analysis Duty	403
Security Transaction Analysis Duty	404
Service Logistics Transaction Analysis Duty	405
Supply Chain Collaboration Transaction Analysis Duty	406
Supply Chain Financials Orchestration Transaction Analysis Duty	407
Supply Chain Orchestration Transaction Analysis Duty	407
Supply Chain Planning Transaction Analysis Duty	408



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# 1 Introduction

## About This Guide

This guide contains information about subject areas in Oracle Transactional Business Intelligence for Supply Chain Management, their associated job and duty roles, and the business questions that they provide answers to. For your reference:

- Subject areas are the building blocks of your analytics and reports based upon them. Analytics are built by choosing an appropriate subject area that has information that answers the business question you're analyzing. Technically, subject areas are a grouping of information pieces called data objects that relate to each other in a particular context.
- - Job roles inherit duty roles. To control access to the subject areas, copy the predefined job roles associated with the subject area to create custom roles, and assign them to users.

For more information about custom roles and their use with predefined roles, see [Guidance for Assigning Predefined Roles](#) in the Oracle Fusion Cloud Applications Securing Applications guide.



# 2 Subject Areas

## Overview

This chapter provides information on the subject areas with data you maintain in Oracle Supply Chain Management Cloud. These subject areas, with their corresponding data, are available for you to use when creating and editing analyses and reports. The information for each subject area includes:

- Description of the subject area.
- Business questions that can be answered by data in the subject area, with a link to more detailed information about each business question.
- Job roles and duty roles that can be used to secure access to the subject area, with a link to more detailed information about each job role and duty role.
- Primary navigation to the work area that is represented by the subject area.
- Time reporting considerations in using the subject area, such as whether the subject area reports historical data or only the current data. Historical reporting refers to reporting on historical transactional data in a subject area. With a few exceptions, all dimensional data are current as of the primary transaction dates or system date.
- The lowest grain of transactional data in a subject area. The lowest transactional data grain determines how data are joined in a report.
- Special considerations, tips, and things to look out for in using the subject area to create analyses and reports.

## Costing - Cost Accounting Period Close Real Time

### Description

This subject area provides real-time information on cost accounting period end validation errors for cost accounting transactions.

### Business Questions

This subject area can answer the following business questions:

- *Which cost accounting transactions are not accounted for or transferred to the general ledger for a cost accounting period?*
- *What is the summary of validation errors for a cost accounting period that need to be reviewed prior to the cost accounting period close?*
- *What are the transaction details for the transactions that are not processed or interfaced to costing for a cost accounting period?*

## Job Roles

The following job roles secure access to this subject area:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to this subject area:

- *Cost Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

This subject area has no anchoring date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Cost Accounting Real Time

## Description

This subject area provides real-time information on records of cost transactions, costing details, cost distributions, and audit columns.

## Business Questions

This subject area can answer the following business questions:

- *What is the cost account balance by cost accounting distribution and journal line type?*



- 
- *What is the account balance amount by cost transaction type for a given cost organization and cost book?*

## Job Roles

The following job roles secure access to this subject area:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to this subject area:

- *Cost Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Document Version Document Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Cost Rollup Details Real Time

## Description

This subject area provides real-time information on rollup cost details.

## Business Questions

---

This subject area can answer the following business questions:

- *What are the details for a costed bill of materials of a rollup assembly product?*

## Job Roles

The following job roles secure access to this subject area:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to this subject area:

- *Cost Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Rollup Details Effective Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Fiscal Document Capture Transactions Real Time

## Description

This subject area provides real-time information on basic ad-hoc reporting capabilities for Fusion fiscal document capture information.

## Business Questions

This subject area can answer the following business questions:

- *What are the counts of the fiscal document transactions?*

## Job Roles

The following job roles secure access to this subject area:

- *Fiscal Document Specialist*

## Duty Roles

The following duty roles secure access to this subject area:

- *Fiscal Document Capture Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Fiscal Document Header Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Fiscal Document Holds Real Time

## Description

This subject area provides real-time information on fiscal documents in released, pending, and on-hold statuses.

## Business Questions

This subject area can answer the following business questions:

- *What is the count of fiscal documents on hold?*
- *What are the counts of holds that are placed, released, and pending?*
- *What are the amounts on hold?*

## Job Roles

The following job roles secure access to this subject area:

- *Fiscal Document Specialist*

## Duty Roles

The following duty roles secure access to this subject area:

- *Fiscal Document Capture Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Fiscal Document Header Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Fiscal Document Item Deliveries Real Time

## Description

---

This subject area provides real-time information on the item deliveries for fiscal documents.

## Business Questions

This subject area can answer the following business questions:

- *What is the count of items pending delivery?*

## Job Roles

The following job roles secure access to this subject area:

- *Receiving Specialist*

## Duty Roles

The following duty roles secure access to this subject area:

- *Fiscal Document Capture Item Deliveries Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Fiscal Document Header Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Interfaced Fiscal Document Real Time

## Description

---

This subject area provides real-time information on exceptions or errors committed during validation of fiscal documents.

## Business Questions

This subject area can answer the following business questions:

- *What are the counts of errors for fiscal document lines, legal processes, and references?*
- *What is the count of fiscal documents containing errors?*

## Job Roles

The following job roles secure access to this subject area:

- *Fiscal Document Specialist*

## Duty Roles

The following duty roles secure access to this subject area:

- *Fiscal Document Capture Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Interface Fiscal Document Header Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Landed Costs Real Time

## Description

This subject area provides real-time information on attributes and measures using which you can manage estimated and actual landed costs for items purchased from a supplier. Use this analysis to evaluate new product plans, to price your items, and to negotiate contracts with suppliers and customers.

## Business Questions

This subject area can answer the following business questions:

- *What are the estimated and actual charges for materials by item detail?*
- *What is the actual cost associated with acquiring items, which includes insurance, transportation, handling, storage, container, and import or export charges?*

## Job Roles

The following job roles secure access to this subject area:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to this subject area:

- *Cost Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Purchase Order Version Document Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - New COGS and Gross Margin Details Real Time

## Description

This subject area provides real-time information on the cost of goods sold (COGS) and on revenue and gross margin calculations.

## Business Questions

This subject area can answer the following business questions:

- *What is the breakdown of the cost of goods sold (COGS) by cost element?*
- *What is the cost of goods sold (COGS) across business units for a given item?*
- *What is the gross margin by business unit for a fiscal quarter?*

## Job Roles

The following job roles secure access to this subject area:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to this subject area:

- *COGS and Gross Margin Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Document Version Document Date.



## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Overhead Rates Real Time

## Description

This subject area provides real-time information on the published overhead rates.

## Business Questions

This subject area can answer the following business questions:

- *What are the total indirect costs per category and unit?*

## Job Roles

The following job roles secure access to this subject area:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to this subject area:

- *Cost Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Requisition Header Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Period Intransit Inventory Valuation Real Time

## Description

Provides real time intransit inventory valuation information at the costing period level for intransit documents.

## Business Questions

This subject area can answer the following business questions:

- *What is the quantity and value of the in-transit material at a period end or current date?*

## Job Roles

The following job roles secure access to this subject area:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to this subject area:

- *Cost Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

This subject area has no anchoring date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Period Inventory Valuation Real Time

## Description

Provides real time Inventory valuation information at the costing period level for an item and it's inventory location.

## Business Questions

This subject area can answer the following business questions:

- *What is the inventory onhand quantity and it's value at period end or current date.*

## Job Roles

The following job roles secure access to this subject area:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to this subject area:

- *Cost Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Inventory Valuation Details Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Periodic Average Cost Real Time

## Description

Provides real time Periodic Average Cost Information.

## Business Questions

This subject area can answer the following business questions:

- *What are the Periodic Average costs and supporting details for a cost accounting period?*

## Job Roles

The following job roles secure access to this subject area:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to this subject area:

- *Cost Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Period Cost Period Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Perpetual Average Cost Real Time

## Description

Provides real time Perpetual Average Cost Information.

## Business Questions

This subject area can answer the following business questions:

- *What are the perpetual average costs and associated transaction details?*

## Job Roles

The following job roles secure access to this subject area:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to this subject area:

- *Cost Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Item Cost Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Receipt Accounting Period Close Real Time

## Description

This subject area provides real-time information on the general ledger period-end validation errors for receipt accounting transactions.

## Business Questions

This subject area can answer the following business questions:

- *What is the summary of validation errors for a general ledger accounting period that need to be reviewed prior to the general ledger accounting period close for receipt accounting?*
- *What are the transaction details for the transactions that are not processed or interfaced to receipt accounting for a general ledger accounting period?*
- *Which receipt accounting transactions are not accounted or transferred to the general ledger for a general ledger accounting period?*

## Job Roles

The following job roles secure access to this subject area:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to this subject area:

- *Receipt Accounting Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

This subject area has no anchoring date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Receipt Accounting Real Time

## Description

This subject area provides real-time information on accounting entries corresponding to receipt transactions, audit columns, and account distributions.

## Business Questions

This subject area can answer the following business questions:

- *What is the ledger amount by line type for receipt account distributions?*
- *What is the purchase order receipt transaction amount by receipt account distribution and receipt accounting transaction details?*

## Job Roles

The following job roles secure access to this subject area:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to this subject area:

- *Receipt Accounting Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Invoice Header Invoice Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Resource Rates Real Time

## Description

This subject area provides real-time information on the published resource rates.

## Business Questions

This subject area can answer the following business questions:

- *What are the resource rates per name, type, scenario, and unit?*

## Job Roles

The following job roles secure access to this subject area:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to this subject area:

- *Cost Transaction Analysis Duty*



## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Negotiation Open Bid Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Standard Cost Real Time

## Description

Provides real time Standard Cost Information.

## Business Questions

This subject area can answer the following business questions:

- *Whats are the standard cost details for an item and valuation unit as of a specific date?*

## Job Roles

The following job roles secure access to this subject area:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to this subject area:

- *Cost Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Item Cost Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Transaction Cost Real Time

## Description

Provides real time Transaction Cost Information.

## Business Questions

This subject area can answer the following business questions:

- *Whats are the transaction costs associated to the inventory transactions?*

## Job Roles

The following job roles secure access to this subject area:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to this subject area:

- *Cost Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Transaction Cost Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Where Used Details Real Time

## Description

This subject area provides real-time information on the where-used details of a component or a resource in the rollup products.

## Business Questions

This subject area can answer the following business questions:

- *Which assembly's cost is impacted by the change in cost of a particular component?*

## Job Roles

The following job roles secure access to this subject area:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to this subject area:

- *Cost Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Where Used Rollup Details Effective Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Costing - Work Order Costs Real Time

## Description

This subject area provides real-time information on work order costs and variances.

## Business Questions

This subject area can answer the following business questions:

- *What are the estimated and actual costs for work orders?*
- *What are the line item costs per work order per product?*
- *What are the transportation costs for work orders?*
- *What are the planned vs. actual work hours charged per work order?*

## Job Roles

The following job roles secure access to this subject area:

- *Asset Administrator*
- *Cost Accountant*
- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to this subject area:

- *Cost Transaction Analysis Duty*
- *Installed Base Customer Asset Transaction Analysis Duty*
- *Maintenace Execution Transaction Analysis Duty*

## Primary Navigation

Navigator > Costing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Negotiation Open Bid Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Enterprise Quality Actions Real Time

## Description

This subject area provides real-time information on quality actions which may be analyzed by the Supplier, Product, and Customer dimensions.

## Business Questions

This subject area can answer the following business questions:

- *What is the average cycle time for quality actions that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?*
- *What is the overall average cycle time for quality actions?*
- *What is the count of affected items that were impacted by quality actions?*
- *What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality actions?*

- 
- *What are the counts of quality actions that are in draft, open, in-progress, and completed states?*
  - *What are the counts of quality actions that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Quality Analyst*
- *Quality Engineer*

## Duty Roles

The following duty roles secure access to this subject area:

- *Quality Issues and Actions Transaction Analysis Duty*

## Primary Navigation

Navigator > Quality Management > Quality Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Action Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Enterprise Quality Issues Real Time

## Description

This subject area provides real-time information on quality issues which may be analyzed by the Supplier, Product, and Customer dimensions.

## Business Questions

This subject area can answer the following business questions:

- *What is the average cycle time for quality issues that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?*
- *What are the counts of quality issues that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?*
- *What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality issues?*
- *What is the overall average cycle time for quality issues?*
- *What are the counts of quality issues that are in draft, open, in-progress, and completed states?*
- *What is the count of affected items that were impacted by the quality issues?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Quality Analyst*
- *Quality Engineer*

## Duty Roles

The following duty roles secure access to this subject area:

- *Quality Issues and Actions Transaction Analysis Duty*

## Primary Navigation

Navigator > Quality Management > Quality Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Issue Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Innovation Management - Concepts Real Time

## Description

This subject area provides real-time information on concepts for analysis of measures such as concepts aging; costs associated with concepts; a concept's relationships with other concepts, requirements, and projects; and so on.

## Business Questions

This subject area can answer the following business questions:

- *What is the count of ideas related to a concept?*
- *What are the counts of concepts by draft, approved, and converted statuses?*
- *What is the count of concepts aging more than 90 days?*
- *What are the requirements related to a given concept?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Designer Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management > Innovation Management



## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Concept Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Innovation Management - Ideas Real Time

## Description

?This subject area provides real-time information on the idea management process using type-based depictions of counts, aging, and updation cycle times of ideas.

## Business Questions

This subject area can answer the following business questions:

- *When was an idea last updated or voted on?*
- *What are the counts for related ideas, concepts, or proposals?*
- *How long have ideas been aging?*
- *Which customers or users have posted ideas?*
- *What state are ideas in?*
- *How many ideas are in each state?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Designer Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management > Innovation Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Idea Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Innovation Management - Portfolio Cost Real Time

## Description

This subject area provides real-time information on Oracle Fusion Innovation Management costing. This information can be analyzed by time, product line, business unit, scenario, period, and so on.

## Business Questions

This subject area can answer the following business questions:

- *What are the projected and actual production labor costs by cost category?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Management VP*
- *Product Manager*

- 
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*
- *Product Proposal Manager Real Time Transaction Analysis Duty Role*

## Primary Navigation

Navigator > Product Management > Innovation Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Product Proposal Cost Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Innovation Management - Portfolio Lifecycle Real Time

## Description

This subject area provides real-time information on Oracle Fusion Innovation Management portfolio lifecycles. This information can be analyzed by time, product line, business unit, scenario, period, and so on.

## Business Questions

This subject area can answer the following business questions:

- *What are the projected and actual costs by portfolio and lifecycle phase?*

## Job Roles

---

The following job roles secure access to this subject area:

- *Product Management VP*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Management VP Real Time Transaction Analysis Duty Role*

## Primary Navigation

Navigator > Product Management > Innovation Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Scenario Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Innovation Management - Portfolio Resource Real Time

## Description

This subject area provides real-time information on Oracle Fusion Innovation Management resources. This information can be analyzed by time, product line, business unit, scenario, period, and so on.

## Business Questions

This subject area can answer the following business questions:

- *What are the three worst overallocated resource pools?*
- *What is the resource pool status over time?*
- *What are the projected and actual revenues by revenue category?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Management VP*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*
- *Product Proposal Manager Real Time Transaction Analysis Duty Role*

## Primary Navigation

Navigator > Product Management > Innovation Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Product Proposal Resource Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Innovation Management - Portfolio Revenue Real Time

## Description

This subject area provides real-time information on Oracle Fusion Innovation Management revenues. This information can be analyzed by time, product line, business unit, scenario, period, and so on.

## Business Questions

This subject area can answer the following business questions:

- *What is the investment revenue of a particular portfolio.*

## Job Roles

The following job roles secure access to this subject area:

- *Product Management VP*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*
- *Product Proposal Manager Real Time Transaction Analysis Duty Role*

## Primary Navigation

Navigator > Product Management > Innovation Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Product Proposal Revenue Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Innovation Management - Portfolios Real Time

## Description

This subject area provides real-time information on Oracle Fusion Innovation Management portfolios. This information can be analyzed by time, product line, business unit, scenario, period, and so on.

## Business Questions

This subject area can answer the following business questions:

- *What is the strategic fit of each product in the portfolio based on qualities such as alignment and impact?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Management VP*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*

## Primary Navigation

Navigator > Product Management > Innovation Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Selected Products Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Innovation Management - Product Portfolio Real Time

## Description

This subject area provides real-time information on Oracle Fusion Innovation Management product portfolios. This information can be analyzed by time, product line, business unit, scenario, period, and so on.

## Business Questions

This subject area can answer the following business questions:

- *What are the actual, target, and projected resources, costs, and revenues?*
- *What is the breakdown of portfolios by business unit and by product line across a specified time?*
- *What are the actual and projected development, labor, material, and fixed costs?*
- *What are the portfolio, proposal, and scenario details?*
- *What are the product assessment scores relative to the market alignment, impact, competitive advantage, and supply chain fit?*
- *What are the investment return, payback period, and probability of success over a period of time?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Management VP*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*
- *Product Proposal Manager Real Time Transaction Analysis Duty Role*



## Primary Navigation

Navigator > Product Management > Innovation Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Selected Products Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Innovation Management - Product Proposals Cash Flow Real Time

## Description

This subject area provides real-time information on the cash flow for product proposals. It helps track projected and actual costs, revenue, and margins for a given product proposal.

## Business Questions

This subject area can answer the following business questions:

- *What are the projected vs. actual revenue, cost, and margins for each product proposal?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Designer Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management > Innovation Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Revenue Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Innovation Management - Product Proposals Real Time

## Description

This subject area provides real-time information on product proposals by depicting counts, aging, and updation cycle times of proposals, along with related project allocations and resource allocations.

## Business Questions

This subject area can answer the following business questions:

- *What is the investment return of a particular product portfolio?*
- *What is the time required to launch a specific product portfolio?*
- *What is the total of projected direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?*
- *Which product portfolio is at risk?*
- *What is the product and market attractiveness strategic fit? Is it aligned to the market?*
- *What is the total of direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?*

- 
- *What are the projected and actual development and production costs?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Designer Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management > Innovation Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Proposal Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Innovation Management - Requirements Real Time

## Description

This subject area provides real-time information on the requirement specification process by using type-based depictions of its counts, aging, and updation cycle times.

## Business Questions

This subject area can answer the following business questions:

- *What is the average age of requirements?*
- *What is the total count of requirements?*
- *What is the count of concepts related to requirement specifications?*
- *What is the count of requirement dependencies and impacts at the requirement specifications state?*
- *What are the counts of requirements in draft, pending, and approved statuses?*
- *What are the counts of requirements specifications within 30, 60, 90, and 90 plus timeframes?*
- *What is the count of proposals related to requirement specifications?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Designer Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management > Innovation Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Requirement Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

## Innovation Management - Scenario Lifecycle Real Time

### Description

This subject area provides real-time information on Oracle Fusion Innovation Management scenario lifecycles. This information can be analyzed by time, product line, business unit, scenario, period, and so on.

### Business Questions

This subject area can answer the following business questions:

- *How do various products in the scenario compare based on a market vs. strategic fit?*
- *What is the deviation in absolute numbers and in percentage?*
- *What are the total revenue, total cost, and total margin of the scenario?*

### Job Roles

The following job roles secure access to this subject area:

- *Product Management VP*
- *Product Portfolio Manager*

### Duty Roles

The following duty roles secure access to this subject area:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*

### Primary Navigation

Navigator > Product Management > Innovation Management

### Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Scenario Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Installed Base - Customer Asset Real Time

## Description

This subject area provides real-time information on customer asset definitions and related customer details.

## Business Questions

This subject area can answer the following business questions:

- *What are all the assets sold to a customer for a given period?*

## Job Roles

No applicable job roles

## Duty Roles

No applicable duty roles

## Primary Navigation

Not Applicable

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Customer Asset Shipment Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Installed Base - Customer Asset Structure Real Time

## Description

This subject area provides real-time information on customer asset structures. Each structure is a list of components associated with a configured asset when it is shipped.

## Business Questions

This subject area can answer the following business questions:

- *What is the asset configuration when the asset is shipped to a customer?*

## Job Roles

The following job roles secure access to this subject area:

- *Asset Administrator*

## Duty Roles

The following duty roles secure access to this subject area:

- *Installed Base Customer Asset Transaction Analysis Duty*

## Primary Navigation

Not Applicable

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Customer Asset Structure Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Installed Base - Meter Based Asset Usage Real Time

## Description

This subject area provides real-time information on asset usage based on meter readings. Meter readings can be captured by users at asset definition, work order completion or as part of the asset-based service contract coverage and entitlements process. If asset meter readings are captured at work order completion, you can perform work order cost analysis associated to meter readings.

## Business Questions

This subject area can answer the following business questions:

- *What are the meter readings per work order and in a time period for specified work orders?*
- *What are the meter readings for assets associated to a contract?*
- *What are the meter readings for a particular asset or assets during a specified period of time?*
- *What are the maintenance work order costs (for example, maintenance cost per mile or maintenance cost per production unit) associated to meter readings?*

## Job Roles

The following job roles secure access to this subject area:

- *Asset Administrator*
- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to this subject area:

- *Installed Base Customer Asset Transaction Analysis Duty*
- *Maintenance Execution Transaction Analysis Duty*

## Primary Navigation

Not Applicable



## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Meter Reading Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Inventory - Inventory ABC Real Time

## Description

This subject area provides real-time information on ABC assignment groups, ABC classification sets, and ABC classes. This allows you to analyze items in the inventory and to assign the correct ABC class using the different criteria.

## Business Questions

This subject area can answer the following business questions:

- *What are the ABC assignment quantities and item values?*
- *What are the ABC classification cumulative values?*
- *What are the ABC classification set quantities and values?*

## Job Roles

The following job roles secure access to this subject area:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Inventory Transaction Analysis Duty*

## Primary Navigation

Navigator > Warehouse Operations > Inventory

## Time Reporting

This subject area doesn't support historical reporting.

Time dimension is linked to Compile Date, Start Date, and Cutoff Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Inventory - Inventory Balance Real Time

## Description

This subject area provides real-time information on inventory details by item and by inventory organization and can be accessed at the granular level by lot and grade.

## Business Questions

This subject area can answer the following business questions:

- *What is the supplier site for a consigned inventory?*
- *What are the current on-hand quantities by item, inventory organization, and subinventory?*
- *What percentage of the on-hand quantity is consigned?*

## Job Roles

The following job roles secure access to this subject area:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Inventory Transaction Analysis Duty*

## Primary Navigation

Navigator > Warehouse Operations > Inventory

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Change Order Line Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Inventory - Inventory Cycle Count Real Time

## Description

This subject area provides real-time information on cycle counts for the purpose of inventory audits for a specified location and day.

## Business Questions

This subject area can answer the following business questions:

- *What are the cycle counts by ABC assignment groups?*
- *What percentage of variance is hit-and-miss?*
- *What are the inventory cycle counts in a specific count sequence, such as recounts, rejected, or approved?*
- *What are the adjustment value tolerances?*

## Job Roles

The following job roles secure access to this subject area:

- *Inventory Manager*

- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Inventory Transaction Analysis Duty*

## Primary Navigation

Navigator > Warehouse Operations > Inventory

## Time Reporting

This subject area doesn't support historical reporting.

Time dimension is linked to Inventory Cycle Count Header Start Date, Inventory Cycle Count Header End Date, Header Next Schedule Date, Header Last Schedule Date, Count Date, and Approval Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Inventory - Inventory Supply Real Time

## Description

This subject area provides real-time information on incoming inventory supply and on in-transit shipments from other inventory organizations.

## Business Questions

This subject area can answer the following business questions:

- *What are the current in-transit inventory quantities by item and inventory organization?*
- *What are the real-time supply quantities by supply type and destination type?*

## Job Roles

---

The following job roles secure access to this subject area:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Inventory Transaction Analysis Duty*

## Primary Navigation

Navigator > Warehouse Operations > Inventory

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Change Order Creation Date and Change Order Line Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Inventory - Inventory Transactions Real Time

## Description

This subject area provides real-time information on the movement of materials within the inventory based on the transaction type.

## Business Questions

This subject area can answer the following business questions:

- *What are the transactions for a given item in an inventory organization for a given day?*
- *What is the inventory transaction quantity by transaction type for a given inventory organization?*

## Job Roles

The following job roles secure access to this subject area:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Inventory Transaction Analysis Duty*

## Primary Navigation

Navigator > Warehouse Operations > Inventory

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Component Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Inventory - Inventory Transfer Order Real Time

## Description

This subject area provides real-time information on attributes for items, organizations, sources, and destinations and measures related to inventory transfer orders.

## Business Questions

This subject area can answer the following business questions:

- *What are the transfer order quantities by transaction type for the source and destination locations?*

- 
- *What are all the transfer orders, with header and line information, for an item in an inventory organization?*

## Job Roles

The following job roles secure access to this subject area:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Inventory Transaction Analysis Duty*

## Primary Navigation

Navigator > Warehouse Operations > Inventory

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Transfer Order Date.

## Transactional Grain

This subject area returns information at the grain of the transfer order.

## Special Considerations

None.

# Inventory Organization Real Time

## Description

This subject area provides real-time information on a given inventory organization, primarily for dimension browsing without analyzing any real-time measures. It provides in-depth analyses of subinventory details and locator details for a given inventory organization.

## Business Questions

---

This subject area can answer the following business questions:

- *What are the distinct locators within a subinventory?*
- *What are the distinct subinventories within a given inventory organization?*

## Job Roles

The following job roles secure access to this subject area:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Inventory Transaction Analysis Duty*

## Primary Navigation

Navigator > Warehouse Operations > Inventory

## Time Reporting

This subject area doesn't support historical reporting.

Time dimension is linked to Item Relationship Start Date and Active Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Maintenance Management - Asset Real Time

## Description

This subject area provides real-time information on aspects of maintenance work order execution, such as work order quality, on-time completions, and overcompletions, for assets.



## Business Questions

This subject area can answer the following business questions:

- *What are the assets by item, location, and associated work orders?*
- *What materials and resources were transacted today?*
- *What maintenance work orders were completed today?*
- *What are the daily resource requirements?*
- *What are the maintenance work orders scheduled today?*
- *What materials are required to execute maintenance work orders scheduled today?*

## Job Roles

The following job roles secure access to this subject area:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to this subject area:

- *Maintenance Execution Transaction Analysis Duty*

## Primary Navigation

Navigator > Fixed Assets

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Item Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Maintenance Management - Forecast Real Time

## Description

This subject area provides real-time information on forecasts generated from work requirements of specified maintenance programs.

## Business Questions

This subject area can answer the following business questions:

- *What are the work orders created from forecasts of a specific maintenance program with start dates within a specific period?*
- *What are the maintenance programs that were last forecasted in a specific period?*
- *What is the count of work orders created from forecasts of a specific maintenance program with start dates within a specific period?*
- *What are the forecasts that must be started during a specific period for a specific work center and based on a specific work definition?*

## Job Roles

The following job roles secure access to this subject area:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to this subject area:

- *Maintenance Execution Transaction Analysis Duty*

## Primary Navigation

Navigator > Supply Chain Execution > Maintenance Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Forecast Date.

## Transactional Grain

This subject area returns information at the grain of the forecasted work order.

## Special Considerations

None.

# Maintenance Management - Material Usage Real Time

## Description

This subject area provides real-time information on the aspects of planned material usage, such as actual and variance quantities and issued and returned quantities of components, for maintenance.

## Business Questions

This subject area can answer the following business questions:

- *What is the material usage variance?*
- *What are the actual vs. planned material usage quantities per product and per work order?*
- *What is the quantity of material usage issued?*
- *What is the quantity of returned material?*

## Job Roles

The following job roles secure access to this subject area:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to this subject area:

- *Maintenance Execution Transaction Analysis Duty*

## Primary Navigation

Navigator > Fixed Assets

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Change Line Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Maintenance Management - Purchased Item Usage Real Time

## Description

This subject area provides real-time information on direct procurement of items for the work order. This includes purchased item quantities that were requested, ordered, received, returned, and so on.

## Business Questions

This subject area can answer the following business questions:

- *What are the requisition quantity and requisition amount?*
- *What are the purchase order quantity, purchase order amount, return to supplier quantity, correct receipt quantity, and correct return quantity?*

## Job Roles

The following job roles secure access to this subject area:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to this subject area:

- *Maintenance Execution Transaction Analysis Duty*

## Primary Navigation

Navigator > Supply Chain Execution > Maintenance Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Time of Planned Start Date.

## Transactional Grain

This subject area returns information at the grain of the work order.

## Special Considerations

None.

# Maintenance Management - Resource Usage Real Time

## Description

This subject area provides real-time information on the aspects of planned resource usage, such as actual and variance quantities, for maintenance.

## Business Questions

This subject area can answer the following business questions:

- *What are the actual vs. planned resource usage quantities per product and work order?*
- *What is the resource usage variance?*
- *What is the issued quantity of resource usage?*
- *What is the quantity of resource returned?*

## Job Roles

The following job roles secure access to this subject area:

- *Maintenance Manager*

- 
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to this subject area:

- *Maintenance Execution Transaction Analysis Duty*

## Primary Navigation

Navigator > Fixed Assets

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Change Order Creation Date, Approval Date, and Need-by-Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Maintenance Management - Work Order Performance Real Time

## Description

This subject area provides real-time information on aspects of work order execution, such as work order quantity, on-time completions, and overcompletions, for maintenance.

## Business Questions

This subject area can answer the following business questions:

- *What is the average cycle time for work orders?*
- *How many work orders have been open for one, three, seven and seven plus days?*
- *What is the total number of work orders past due, unreleased, and on hold?*

---

## Job Roles

The following job roles secure access to this subject area:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to this subject area:

- *Maintenace Execution Transaction Analysis Duty*

## Primary Navigation

Navigator > Fixed Assets

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Item Relationship Start Date and Active Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Maintenance Management - Work Requirement Real Time

## Description

This subject area provides real-time information on maintenance programs and related work requirement details such as associated assets, calendar patterns, and work definitions.

## Business Questions

---

This subject area can answer the following business questions:

- *What are the work requirements based on a specific work definition?*
- *What are the work requirements defined for a specific asset, item, or maintenance organization?*
- *What are the work requirements associated to a specific maintenance program?*
- *What are the work requirements for assets located at a specific work center?*
- *What are the percentages and counts of assets that have a maintenance program associated with a work center?*
- *What are the maintenance programs that have a reviewed date that is before a specific date?*

## Job Roles

No applicable job roles

## Duty Roles

No applicable duty roles

## Primary Navigation

Navigator > Supply Chain Execution > Maintenance Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Work Requirement Start Date, Maintenance Program Start Date, and Last Forecast Date.

## Transactional Grain

This subject area returns information at the grain of the work requirement.

## Special Considerations

None.

# Manufacturing - Actual Production Real Time

## Description

This subject area provides real-time information on work order completion transactions.



---

## Business Questions

This subject area can answer the following business questions:

- *What is the transaction quantity during actual production?*
- *What is the primary quantity during actual production?*

## Job Roles

The following job roles secure access to this subject area:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to this subject area:

- *Manufacturing Execution Analysis Duty*

## Primary Navigation

Navigator > Manufacturing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Work Order Planned Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Manufacturing - Material Usage Real Time

## Description

---

This subject area provides real-time information on the aspects of planned material usage, such as actual and variance quantities and issued and returned quantities of the components, for manufacturing.

## Business Questions

This subject area can answer the following business questions:

- *How many quantities are open?*
- *What is the material usage required quantity vs. actual quantity used?*
- *What are the material issued, returned, and negative quantities?*

## Job Roles

The following job roles secure access to this subject area:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to this subject area:

- *Manufacturing Execution Analysis Duty*

## Primary Navigation

Navigator > Manufacturing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Work Order Planned Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Manufacturing - Production Exceptions Real Time

## Description

This subject area provides real-time information on production exceptions with proactive suggestions for corrective actions on the shop floor.

## Business Questions

This subject area can answer the following business questions:

- *How many production exceptions are open?*

## Job Roles

The following job roles secure access to this subject area:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to this subject area:

- *Manufacturing Execution Analysis Duty*

## Primary Navigation

Navigator > Manufacturing

## Time Reporting

This subject area doesn't support historical reporting.

Time dimension is linked to Exception Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Manufacturing - Purchased Item Usage Real Time

## Description

This subject area provides real-time information on the direct procurement of items for work orders. The information includes purchased item quantities that were requested, ordered, received, returned, and so on.

## Business Questions

This subject area can answer the following business questions:

- *What is the purchased item quantity corrected for receipt transactions?*
- *What is the purchased item quantity corrected for return to supplier transactions?*
- *What is the purchased item quantity that was ordered?*
- *What is the purchased item quantity that was requested for a work order?*
- *What is the purchased item quantity that was received?*
- *What is the purchased item quantity that was returned back to receiving?*
- *What is the purchased item quantity that was returned back to the supplier?*

## Job Roles

The following job roles secure access to this subject area:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to this subject area:

- *Manufacturing Execution Analysis Duty*

## Primary Navigation

Navigator > Manufacturing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Time of Planned Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Manufacturing - Resource Usage Real Time

## Description

This subject area provides real-time information on aspects of the planned resource usage, such as actual and variance quantities, for manufacturing.

## Business Questions

This subject area can answer the following business questions:

- *What is the usage quantity variance?*
- *What are the planned resource vs. actual usage?*

## Job Roles

The following job roles secure access to this subject area:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to this subject area:

- *Manufacturing Execution Analysis Duty*

## Primary Navigation

Navigator > Manufacturing

## Time Reporting

This subject area supports historical reporting.

---

Time dimension is linked to Work Order Planned Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Manufacturing - Work Order Performance Real Time

## Description

This subject area provides real-time information on aspects of work order execution and operation cycle times, such as work order quantity, on-time completions, and overcompletions, for manufacturing.

## Business Questions

This subject area can answer the following business questions:

- *What percentage of work orders were scrapped and rejected?*
- *What is the total number of work orders on hold or unreleased?*
- *What is the total number of rework and transform work orders?*
- *What is the aging time for work orders?*
- *What is the quantity of work orders in various statuses?*
- *What is the time spent for an operation that is running, idle, or queued?*

## Job Roles

The following job roles secure access to this subject area:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to this subject area:

- *Manufacturing Execution Analysis Duty*

## Primary Navigation

Navigator > Manufacturing

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Work Order Planned Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# OTBI Performance Real Time

## Description

Analyze OTBI analysis and dashboard usage and performance, including logical and physical database SQL, execution time, and errors. View the last six months of OTBI usage and performance trends, commonly used subject areas, and report errors. This subject area provides data to monitor and diagnose OTBI reporting performance. Historical data older than six months is purged each week.

## Business Questions

This subject area can answer the following business questions:

- *What is the OTBI execution time histogram in the past month?*
- *Which analyses have high data row count?*
- *Which subject areas are used frequently in ad-hoc OTBI analyses?*
- *What is the database SQL execution time and row count?*
- *Which analyses reached OTBI max row limit?*
- *How many analyses and dashboards failed in the past month?*
- *What is the analysis total execution time and row count?*
- *Which analyses have the longest response time?*
- *What are the least-used OTBI subject areas?*
- *How many database SQLs are executed by an analysis?*
- *What are the long-running analyses in the past month?*

- 
- *What are the common execution errors in the past month?*
  - *What are the most commonly used OTBI subject areas?*
  - *Which analyses have low usage because of poor performance?*

## Job Roles

The following job roles secure access to this subject area:

- *Application Implementation Consultant*
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *OTBI Report Performance Transactional Analysis Duty*

## Primary Navigation

Not applicable

## Time Reporting

This subject area supports six-month usage history data.

Time dimension is linked to "Time"."Report Start Date".

## Transactional Grain

This subject area returns information at the grain of a query execution and database physical SQL.

## Special Considerations

This subject area contains six months of query execution data. Each OTBI query execution can generate multiple database SQL statements. Usage data volume grows over time, so use proper filters to narrow reporting data load. Because this subject area has no data security, you're advised to secure user access to it.

# OTBI Usage Real Time

## Description



Analyze six months of subject area and analysis usage trends and patterns with a simpler and lighter-weight selection of OTBI usage metrics, including for example user, report and subject area usage patterns. Historical data older than six months is purged each week.

## Business Questions

This subject area can answer the following business questions:

- *How many OTBI SOAP web services have been run in the past month?*
- *What is the weekly OTBI analysis usage trend?*
- *How many predefined OTBI analyses have been run in the past month?*
- *How many ad-hoc OTBI analyses have been run in the past month?*
- *What are the top N most frequently-run OTBI analyses?*
- *How many users run OTBI analyses?*
- *Who are the top N OTBI users?*
- *How many custom OTBI analyses have been run in the past month?*
- *Which analyses have low usage in the past three months?*
- *What is the execution history of dashboard X in the past month?*

## Job Roles

The following job roles secure access to this subject area:

- *Application Implementation Consultant*
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *OTBI Report Usage Transactional Analysis Duty*

## Primary Navigation

Not applicable

## Time Reporting

This subject area supports six-month usage history data.

Time dimension is linked to "Time"."Report Start Date".

## Transactional Grain

---

This subject area returns information at the grain of a query execution.

## Special Considerations

This subject area contains six months of usage history. It doesn't contain database SQL execution details so it has less data volume.

# Order Management - Order Headers Real Time

## Description

This subject area provides real-time information on attributes and measures related to order headers.

## Business Questions

This subject area can answer the following business questions:

- *What is the value of on-time orchestration orders for a selected status?*
- *What is the number of orchestration orders for a selected time period?*

## Job Roles

The following job roles secure access to this subject area:

- *Order Administrator*
- *Order Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Order Transaction Analysis Duty*

## Primary Navigation

Navigator > Order Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Ordered Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Order Management - Order Holds Real Time

## Description

This subject area provides real-time information on the holds applied to orchestration orders, order lines, and fulfillment lines as well as attributes and measures related to step instances and to orchestration task instances.

## Business Questions

This subject area can answer the following business questions:

- *How much time is required to resolve an on-hold order?*
- *How many orders are on hold by category, item, or customer?*

## Job Roles

The following job roles secure access to this subject area:

- *Order Administrator*
- *Order Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Order Holds Transaction Analysis Duty*
- *Order Transaction Analysis Duty*

## Primary Navigation

Navigator > Order Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Ordered Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Order Management - Order Lines Real Time

## Description

This subject area provides real-time information on attributes and measures related to order lines.

## Business Questions

This subject area can answer the following business questions:

- *When did I fulfill my orders?*
- *When are my orders scheduled to ship?*
- *What is the current status for each order line?*
- *What is the actual shipped date?*

## Job Roles

The following job roles secure access to this subject area:

- *Order Administrator*
- *Order Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Order Transaction Analysis Duty*

## Primary Navigation

Navigator > Order Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Ordered Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Order Management - Price Adjustments Real Time

## Description

This subject area provides real-time information on discounts, promotions, and other aspects of price adjustment for order orchestration orders, order lines, or for fulfillment lines.

## Business Questions

This subject area can answer the following business questions:

- *What are the price adjustment charge amounts?*
- *What are the price adjustment discount amounts?*
- *What are the price adjustment cost amounts?*

## Job Roles

The following job roles secure access to this subject area:

- *Order Administrator*
- *Order Manager*

## Duty Roles

---

The following duty roles secure access to this subject area:

- *Order Transaction Analysis Duty*

## Primary Navigation

Navigator > Order Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Ordered Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Order Management - Process Instances Real Time

## Description

This subject area provides real-time information for analyzing on-time fulfillment issues. It includes details at the process, task, and step instances.

## Business Questions

This subject area can answer the following business questions:

- *How long does it take to process and fulfill an order?*
- *What are the actual vs. planned completion processing times of orders?*
- *How long does it take to complete a task?*
- *How many tasks are active?*
- *Which orders are in jeopardy? What are the jeopardy reasons?*

## Job Roles

---

The following job roles secure access to this subject area:

- *Order Administrator*
- *Order Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Orchestration Process Transaction Analysis Duty*
- *Order Transaction Analysis Duty*

## Primary Navigation

Navigator > Order Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Ordered Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Product Genealogy - Genealogy Instance Real Time

## Description

This subject area provides real-time information on the identifying attributes of a genealogy instance, its current location, and related details.

## Business Questions

This subject area can answer the following business questions:

- *What are the current location details for a genealogy instance?*
- *What are the customer account information details for a genealogy instance?*

- 
- *What is the genealogy instance quantity?*
  - *What are the product genealogy instance details?*

## Job Roles

The following job roles secure access to this subject area:

- *Asset Administrator*
- *Production Supervisor*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Genealogy Transaction Analysis Duty*

## Primary Navigation

Navigator > Manufacturing > Work Execution

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Genealogy Instance Shipment Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Product Genealogy - Genealogy Object Composition Real Time

## Description

This subject area provides real-time information on the component structure of a genealogy object.



---

## Business Questions

This subject area can answer the following business questions:

- *What is the real-time component structure of a genealogy object?*
- *What are the child components and related levels for a parent object?*
- *What are the product genealogy transaction details for a parent object?*

## Job Roles

The following job roles secure access to this subject area:

- *Asset Administrator*
- *Production Supervisor*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Genealogy Transaction Analysis Duty*

## Primary Navigation

Navigator > Manufacturing > Work Execution

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Parent Genealogy Object Origination Date .

## Transactional Grain

Not available

## Special Considerations

None.

# Product Genealogy - Genealogy Object Where Used Real Time

## Description

This subject area provides real-time information on all genealogy objects where a specified component is used.

## Business Questions

This subject area can answer the following business questions:

- *What is the real-time information on all genealogy objects where a specified component is used.*
- *For a given component, what is the parent object, where is the component used, and what are the related levels of the component?*
- *What are the product genealogy transaction details for a parent object?*

## Job Roles

The following job roles secure access to this subject area:

- *Asset Administrator*
- *Production Supervisor*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Genealogy Transaction Analysis Duty*

## Primary Navigation

Navigator > Manufacturing > Work Execution

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Parent Genealogy Object Origination Date .

## Transactional Grain

Not available

## Special Considerations

None.

# Product Genealogy - Genealogy Structure Real Time

## Description

This subject area provides real-time information on the component structures of a genealogy instance. Each structure is a set of components associated with a parent assembly.

## Business Questions

This subject area can answer the following business questions:

- *What are the current location details?*
- *What are the product genealogy instance details?*

## Job Roles

The following job roles secure access to this subject area:

- *Asset Administrator*
- *Production Supervisor*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Genealogy Transaction Analysis Duty*

## Primary Navigation

Navigator > Manufacturing > Work Execution

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Genealogy Structure Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Product Genealogy - Genealogy Transaction Real Time

## Description

This subject area provides real-time information on the history of genealogy transactions.

## Business Questions

This subject area can answer the following business questions:

- *What are the genealogy party and genealogy location references?*
- *What are the product genealogy transaction details?*

## Job Roles

The following job roles secure access to this subject area:

- *Asset Administrator*
- *Production Supervisor*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Genealogy Transaction Analysis Duty*

## Primary Navigation

Navigator > Manufacturing > Work Execution

## Time Reporting

This subject area supports historical reporting.

---

Time dimension is linked to Genealogy Source Transaction Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Product Management - Change Order Approvals Real Time

## Description

This subject area provides real-time information on workflow status cycle time, approval cycle time, and aging by status. The subject area also provides workflow and approval details for change orders.

## Business Questions

This subject area can answer the following business questions:

- *What is the cycle time of each status of a change order?*
- *What is the cycle time by approvers of change orders?*
- *Which change orders took the longest?*
- *What is the cycle time of approvals for change orders?*
- *Which change orders are in the approval status for a long time?*
- *What is the count of change order lines by change order status?*
- *What are the workflow transition details of a change order? Who are the approvers, and what were their comments?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

---

The following duty roles secure access to this subject area:

- *Product Catalog Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Change Creation Date.

## Transactional Grain

This subject area returns information at the grain of the lifecycle step for a change order approval.

## Special Considerations

None.

# Product Management - Change Order Line Real Time

## Description

This subject area provides real-time information on individual changes made to an item on an existing change order line.

## Business Questions

No applicable business questions

## Job Roles

The following job roles secure access to this subject area:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

---

The following duty roles secure access to this subject area:

- *Product Catalog Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Change Line Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Product Management - Change Order Real Time

## Description

This subject area provides real-time information on change orders which contain information generally applicable to a set of changes to an existing item.

## Business Questions

This subject area can answer the following business questions:

- *What is the current count of change orders by approval status?*
- *What are the change orders pending approval?*
- *What is the average age of change orders by change order type?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Data Steward*

- 
- *Product Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Catalog Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Change Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Product Management - Components Real Time

## Description

This subject area provides real-time information on the measures and attributes of structural components. Each structure can have many components.

## Business Questions

This subject area can answer the following business questions:

- *What are the counts of change order lines by item, category, and catalog?*

## Job Roles



The following job roles secure access to this subject area:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Catalog Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Component Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Product Management - Cross Reference Item Real Time

## Description

This subject area provides real-time information on cross-reference items (for example, an old part number set up as an item cross-reference). It includes details such as the cross-reference type and applicability across organizations.

## Business Questions

This subject area can answer the following business questions:

- *What is the count of cross-referenced items by cross-reference type?*
- *What is the count of records with cross-referenced item numbers for a given category?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Catalog Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Item Relationship Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Product Management - Item Catalog Category Hierarchy Real Time

## Description

This subject area provides real-time information on item catalog category hierarchies and item category assignments.

## Business Questions

---

This subject area can answer the following business questions:

- *To which categories and hierarchies are items assigned to?*
- *What are the categories in a catalog?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Catalog Transaction Analysis Duty*

## Primary Navigation

Not applicable

## Time Reporting

This subject area supports historical reporting.

This subject area has no anchoring date.

## Transactional Grain

This subject area returns information at the grain of the item catalog and item category.

## Special Considerations

This standalone subject area may not be used for queries or reports across subject areas for Oracle Fusion Cloud Product Management.

# Product Management - Item Revisions Real Time

## Description

---

This subject area provides real-time information on items and item revisions, such as item revision details, approval statuses, and item types.

## Business Questions

This subject area can answer the following business questions:

- *What are the approved items for an organization?*
- *What is the count of rejected items by item type and item class?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Catalog Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Item Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Product Management - Item Supplier Uploads Real Time

## Description

This subject area provides real-time information to supplier product administrators on various products and their statuses.

## Business Questions

This subject area can answer the following business questions:

- *What is the average correction time per supplier?*
- *What is the count of products per supplier across a specific time interval, such as a week, month, quarter, year, and period?*
- *What are the counts and percentages of products per supplier in various states, such as created, rejected, requiring corrections, and imported?*
- *What is the average time between supplier product submission and corresponding master item creation?*
- *What is the number of products by category, by upload, and without attachments per supplier?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Catalog Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management

## Time Reporting

This subject area supports historical reporting.

---

Time dimension is linked to Item Supplier Staging Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Product Management - New Item Request Approvals Real Time

## Description

This subject area provides real-time information on new item requests. The subject area provides details such as the status cycle time, approval cycle time, aging by status, and workflow and approval details for new item requests.

## Business Questions

This subject area can answer the following business questions:

- *Which new item requests took the longest?*
- *Which new item requests are in the approval status for a long time?*
- *What is the cycle time by approvers of new item requests?*
- *What is the cycle time of approvals for new item requests?*
- *What is the cycle time of each status of a new item request?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

---

The following duty roles secure access to this subject area:

- *Product Catalog Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to New Item Request Creation Date.

## Transactional Grain

This subject area returns information at the grain of the lifecycle step for the approval of a new item request.

## Special Considerations

None.

# Product Management - New Item Request Line Real Time

## Description

This subject area provides real-time information on attributes and measures for a new item request line, such as the line details, item revision, line status, and line assigned to.

## Business Questions

This subject area can answer the following business questions:

- *What is the count of new item request lines by request line status?*
- *What is the count of new item request lines requested this month?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Data Steward*

- *Product Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Catalog Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to New Item Request Line Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Product Management - New Item Request Real Time

## Description

This subject area provides real-time information on new item requests and on the new item's definition and approval process.

## Business Questions

This subject area can answer the following business questions:

- *How many new item requests have been rejected for an item?*
- *What is the average cycle time by new item request priority?*
- *What are the new item requests pending approval?*

## Job Roles



---

The following job roles secure access to this subject area:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Catalog Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to New Item Request Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Product Management - Organization Hierarchy Real Time

## Description

This subject area provides real-time information on organization lists and hierarchies for item organizations.

## Business Questions

This subject area can answer the following business questions:

- *Which are the organization hierarchies that contain a particular organization?*

- 
- *Which are the organization hierarchies that contain an item's organization at any level in the organization hierarchy?*
  - *Which are the organization hierarchies that contain an item structure organization at any level in the organization hierarchy?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Catalog Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management

## Time Reporting

This subject area doesn't support historical reporting.

This subject area has no anchoring date.

## Transactional Grain

Not available

## Special Considerations

None.

# Product Management - Related Item Real Time

## Description

This subject area provides real-time information on measures and attributes of a related item. The analysis includes items, related item types, and related item details.

## Business Questions

This subject area can answer the following business questions:

- *What are the related items by related item type for a given item?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Catalog Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Item Relationship Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Product Management - Source System Item Real Time

## Description

This subject area provides real-time information on source system items. It includes relationship details for both internal items and source system items, as well as the mapping between them, especially where the source items have been consolidated from multiple source systems into a single item master.

## Business Questions

This subject area can answer the following business questions:

- *What are the corresponding source system items by source system type for a given item?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Catalog Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Item Relationship Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Product Management - Structures Real Time

## Description

This subject area provides real-time information on product structures. It contains a list of items associated with a parent item and discusses how each item is related to its parent. The analysis includes details on items, inventory organizations, structures, component items, components, substitute components, and reference designators.

## Business Questions

This subject area can answer the following business questions:

- *What are the different structures by structure type for a given item?*
- *What is the effectivity for a given item structure?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Catalog Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Structure Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Product Management - Structures and Components Real Time

## Description

This subject area provides real-time information on product structures of selected Items. It discusses the hierarchical relationship between an item and its components and with related trading partner items.

## Business Questions

This subject area can answer the following business questions:

- *What components make up an item?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *External Product Catalog Transaction Analysis Duty*
- *Product Catalog Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management

## Time Reporting

This subject area doesn't support historical reporting.

Time dimension is linked to Item Revision Effectivity Date and Item Revision Creation Date.

## Transactional Grain

Not available

## Special Considerations

An analysis or report that's based on this subject area returns values for secured item attributes according to the access the analysis or report user has to the item attributes. Examples of columns for secured item attributes are Parent Item Name and Component Item Name.

# Product Management - Trading Partner Item Real Time

## Description

This subject area provides real-time information on trading partner item relationships, which are the relationships between an internal item and a trading partner item, such as a customer item, a competitor item, or a supplier or manufacturer part number. The analysis includes details on items, trading partner items, trading partner types, and so on.

## Business Questions

This subject area can answer the following business questions:

- *What are the different related items by trading partner type for a given item?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Catalog Transaction Analysis Duty*

## Primary Navigation

Navigator > Product Management

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Trading Partner Start Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Product Management - Where Used Real Time

## Description

This subject area provides real-time information on the various assemblies in which the selected item is used.

## Business Questions

This subject area can answer the following business questions:

- *What assemblies may be impacted if changes are made to an item?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *External Product Catalog Transaction Analysis Duty*
- *Product Catalog Transaction Analysis Duty*



## Primary Navigation

Navigator > Product Management

## Time Reporting

This subject area doesn't support historical reporting.

Time dimension is linked to Item Revision Effectivity Date and Item Revision Creation Date.

## Transactional Grain

Not available

## Special Considerations

An analysis or report that's based on this subject area returns values for secured item attributes according to the access the analysis or report user has to the item attributes. Examples of columns for secured item attributes are Where Used Item Name and Trading Partner Name. Before using this subject area, run the Expand Structure for Business Intelligence and Item Where Used for Business Intelligence scheduled processes for the items and organizations for which you want to see data. For information, see the Scheduled Processes for SCM guide.

# Product Recall Management Real Time

## Description

This subject area provides real-time information on the recall to disposition cycle of a product in a supply chain. The information includes details pertaining to recall notices, recalled items, traceability, tasks that must be assigned to users for the quarantining and disposal of affected goods, and the disposal of affected goods.

## Business Questions

This subject area can answer the following business questions:

- *Which are the departments or locations with recalled parts for which action must be taken?*
- *What are the inbound transactions that are on recall?*
- *What is the average lead time of recall tasks in each department, location, or warehouse?*
- *What measures are taken to address the inbound transactions that were on recall?*
- *Who are the manufacturers from whom product recalls originate very often?*
- *How many pending recall tasks does a warehouse operator or counter of a periodic automatic replenishment (PAR) subinventory have at a point in time?*
- *Is there any discrepancy between the estimated recall quantity and current on-hand quantity in any perpetual location for an item or lot before the recall count is performed?*

- 
- *How do the recalled parts get disposed of? Are they disposed of according to the replacement types indicated in the recall notices?*
  - *What are the item categories that frequently get product recalls?*
  - *Which are the business units to which a recall notice is assigned?*
  - *Which are the departments or locations holding the recalled parts?*
  - *Which are the recall notices that take long to get resolved?*
  - *What is the price at which a debit memo must be raised for recalled parts that were disposed of?*

## Job Roles

The following job roles secure access to this subject area:

- *Product Recall Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Product Recall Management Transaction Analysis Duty*

## Primary Navigation

Navigator > Supply Chain Execution > Recall Notices

## Time Reporting

This subject area doesn't support historical reporting.

## Transactional Grain

Not applicable.

## Special Considerations

You can use columns in the Disposition Details, Recall Notice Lots, or Recall Notice Serials folder with only columns in the Recall Notice Header and Recall Notice Line folders.

# Receiving - In-Transit Advanced Shipment Notifications Real Time

## Description

This subject area provides real-time information on advanced shipment notifications provided by the suppliers for in-transit shipments that will be received into inventory.

## Business Questions

This subject area can answer the following business questions:

- *What is the shipped quantity by carrier?*
- *What is the count of in-transit advance shipment notice lines by supplier?*

## Job Roles

The following job roles secure access to this subject area:

- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Receiving Transaction Analysis Duty*

## Primary Navigation

Navigator > Warehouse Operations > Receipts

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Shipped Date.

## Transactional Grain

Not available

## Special Considerations

This subject area can't be used by a user who has the BI Administrator role in Oracle Transactional Business Intelligence or Oracle Business Intelligence Publisher.

# Receiving - In-Transit Interorganization Inventory Transfers Real Time

## Description

This subject area provides the real-time information on in-transit inventory transfers between internal inventory organizations.

## Business Questions

This subject area can answer the following business questions:

- *What is the total shipped quantity of in-transit inventory between a source inventory organization and a destination inventory organization?*

## Job Roles

The following job roles secure access to this subject area:

- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Receiving Transaction Analysis Duty*

## Primary Navigation

Navigator > Warehouse Operations > Receipts

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Shipped Date.

## Transactional Grain

Not available

## Special Considerations

This subject area can't be used by a user who has the BI Administrator role in Oracle Transactional Business Intelligence or Oracle Business Intelligence Publisher.

# Receiving - In-Transit Shipments Real Time

## Description

This subject area provides real-time information on all in-transit shipments, including advanced shipment notices from suppliers, and on transfers between internal inventory organizations.

## Business Questions

This subject area can answer the following business questions:

- *What is the total in-transit quantity for a given inventory organization as of today?*

## Job Roles

The following job roles secure access to this subject area:

- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Receiving Transaction Analysis Duty*

## Primary Navigation

Navigator > Warehouse Operations > Receipts

## Time Reporting

This subject area supports historical reporting.

---

Time dimension is linked to Shipped Date.

## Transactional Grain

Not available

## Special Considerations

This subject area can't be used by a user who has the BI Administrator role in Oracle Transactional Business Intelligence or Oracle Business Intelligence Publisher.

# Receiving - Interorganization Receipts Real Time

## Description

This subject area provides real-time information on interorganizational receipts. It includes source and receiving inventory organizations details, received-by details, receiving subinventory details, and location details and includes metrics such as shipped, received, returned, accepted, and rejected quantities.

## Business Questions

This subject area can answer the following business questions:

- *What are the receipt amounts?*
- *What is the interorganizational count of receipts?*
- *What are the receipt quantities in various states, such as accepted, rejected, delivered, returned, shipped, and actual-received?*

## Job Roles

The following job roles secure access to this subject area:

- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Receiving Transaction Analysis Duty*

## Primary Navigation

Navigator > Warehouse Operations > Receipts

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Shipped Date.

## Transactional Grain

Not available

## Special Considerations

This subject area can't be used by a user who has the BI Administrator role in Oracle Transactional Business Intelligence or Oracle Business Intelligence Publisher.

# Receiving - Purchase Receipts Real Time

## Description

This subject area provides real-time information on purchase receipts associated with purchase order schedules. It tracks key measures pertaining to purchase receipts, such as delivered, accepted, rejected, and returned quantities.

## Business Questions

This subject area can answer the following business questions:

- *What is the count of purchasing receipt lines by item and inventory organization?*
- *What is the returned quantity by item and inventory organization?*

## Job Roles

The following job roles secure access to this subject area:

- *Warehouse Manager*

## Duty Roles

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The following duty roles secure access to this subject area:

- *Receiving Transaction Analysis Duty*

## Primary Navigation

Navigator > Warehouse Operations > Receipts

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Receipt Date.

## Transactional Grain

Not available

## Special Considerations

This subject area can't be used by a user who has the BI Administrator role in Oracle Transactional Business Intelligence or Oracle Business Intelligence Publisher.

# Receiving - Receipts Real Time

## Description

This subject area provides real-time information on all receipt types, including interorganizational transfers and purchase order receipts.

## Business Questions

This subject area can answer the following business questions:

- *What percentage of the shipped quantity for an item has been received into inventory at a receiving inventory organization?*

## Job Roles

The following job roles secure access to this subject area:

- *Warehouse Manager*



## Duty Roles

The following duty roles secure access to this subject area:

- *Receiving Transaction Analysis Duty*

## Primary Navigation

Navigator > Warehouse Operations > Receipts

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Receipt Date.

## Transactional Grain

Not available

## Special Considerations

This subject area can't be used by a user who has the BI Administrator role in Oracle Transactional Business Intelligence or Oracle Business Intelligence Publisher.

# Receiving - Transactions Real Time

## Description

This subject area provides real-time information on all receiving transactions, which record the physical and logical movement of a set of goods or services into, within, or out of the receiving inspection area.

## Business Questions

This subject area can answer the following business questions:

- *What are the transaction quantity and actual received quantity by item and by receiving inventory organization?*

## Job Roles

---

The following job roles secure access to this subject area:

- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Receiving Transaction Analysis Duty*

## Primary Navigation

Navigator > Warehouse Operations > Receipts

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Receipt Date.

## Transactional Grain

Not available

## Special Considerations

This subject area can't be used by a user who has the BI Administrator role in Oracle Transactional Business Intelligence or Oracle Business Intelligence Publisher.

# Receiving - Unordered Receipts Real Time

## Description

This subject area provides real-time information on receipts of received items that could not be matched to purchase orders.

## Business Questions

This subject area can answer the following business questions:

- *How do the unordered receipts compare to purchase orders?*

## Job Roles

The following job roles secure access to this subject area:

- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Receiving Transaction Analysis Duty*

## Primary Navigation

Navigator > Warehouse Operations > Receipts

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Receipt Date.

## Transactional Grain

Not available

## Special Considerations

This subject area can't be used by a user who has the BI Administrator role in Oracle Transactional Business Intelligence or Oracle Business Intelligence Publisher.

# Security - Audit Real Time

## Description

Provides real-time information on audit details related to security. For example, when a custom role was created, when roles were assigned to specific users, or when roles were given specific function or data privileges.

## Business Questions

This subject area can answer the following business questions:

- *What are all the data security privileges that a specific user added?*

- 
- *Which roles were added with a specific functional security policy, and who added them?*

## Job Roles

The following job roles secure access to this subject area:

- *IT Security Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Security Transaction Analysis Duty*

## Primary Navigation

Tools > Security Console

## Time Reporting

This subject area does not support history data.

## Transactional Grain

Not applicable.

## Special Considerations

This subject area can't be used to create a cross-subject area analysis. Don't mix data from different folders within this subject area either. For example, keep data from the Data Security Policy Audit folder separate from the Instance Set Audit folder. If you need to combine data from different folders, use a union operation or create a report instead of an analysis.

# Security - Roles and Privileges Real Time

## Description

Provides real-time information about the security setup in the application. This subject area is independent of the pillar and can be used to report on roles and details across pillars like HCM, ERP, SCM and so on.

Use this subject area to report on role categories, roles, functional security policies, data security policies, and the users assigned to the roles.

You can report on the correlation between the objects like the roles that are directly assigned to another role, the roles that are inherited by the virtue of the directly assigned roles, or the functional and data security policies that are directly assigned to the roles.

For a given user, all the roles that have been assigned can also be reported.

## Business Questions

This subject area can answer the following business questions:

- *Why am I not able to view certain subject areas with my login credentials?*
- *Which data security policy would provide access to the data I need to see?*
- *Can I view and edit a particular page? If yes, which functional security policy do I need to provide to a user who needs similar access?*
- *I have not added a specific role to a user, but the user seem to have this job role. Can I trace how has this been inherited by the user?*

## Job Roles

The following job roles secure access to this subject area:

- *IT Security Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Security Transaction Analysis Duty*

## Primary Navigation

Tools > Security Console

## Time Reporting

This subject area does not support history data.

## Transactional Grain

Not applicable.

## Special Considerations

This subject area is used to report on users, functional security policies, and data security policies all in the correlation of roles. For a role, you can report on functional security policies, or data security policies, or users. If you try to combine

all the security objects in a single report, it displays an error message. This subject area can't be used to create a cross subject area report.

This subject area includes information from the Human Resources Workforce Management - Person Real Time subject area. Note that if there isn't a person record associated with a worker, some attributes, including Last Name, First Name, Display Name, and Suspended, won't be populated.

## Service Logistics - Parts Fulfillment Performance Real Time

### Description

This subject area provides real-time information on parts delivery for both customer service logistics sales orders (parts sales, exchanges, returns, and so on) and field service part transfer orders.

### Business Questions

This subject area can answer the following business questions:

- *How often did field service-ordered parts arrive ontime?*
- *How often did customer-ordered parts arrive ontime?*

### Job Roles

The following job roles secure access to this subject area:

- *Field Service Administrator*

### Duty Roles

The following duty roles secure access to this subject area:

- *Service Logistics Transaction Analysis Duty*

### Primary Navigation

Navigator > Service Logistics

### Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Part Requirement Need by Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Service Logistics - Service Parts Profitability Real Time

## Description

This subject area provides real-time information on the profitability of part sales, returns, exchanges, and replacements for both business-to-business (B2B) service and third-party service requests.

## Business Questions

This subject area can answer the following business questions:

- *Did we make or lose money on part exchanges?*
- *What is the revenue for parts sales?*
- *What is the revenue for each parts category?*

## Job Roles

The following job roles secure access to this subject area:

- *Field Service Administrator*

## Duty Roles

The following duty roles secure access to this subject area:

- *Service Logistics Transaction Analysis Duty*

## Primary Navigation

Navigator > Service Logistics

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Service Request Closed Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Shipping Real Time

## Description

This subject area provides real-time information on shipment attributes and measures and on shipment lines.

## Business Questions

This subject area can answer the following business questions:

- *What shipments are closed for a sold-to customer?*
- *Which shipments are late to the inventory organization?*
- *What shipments of an item are due today or tomorrow?*

## Job Roles

The following job roles secure access to this subject area:

- *Shipping Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Order Pick Transaction Analysis Duty*



## Primary Navigation

Navigator > Warehouse Operations > Shipments

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Due Date. Due date is the initial ship date in a shipment or the scheduled ship date in a shipment line.

## Transactional Grain

Not available

## Special Considerations

None.

# Supply Chain Collaboration - Supply Planning Real Time

## Description

This subject area provides real-time information on the cumulative effect of supplier commits against a forecast over time. Use the waterfall table and graph to analyze the quality of the supplier's commit to deliver shipments against a forecast.

## Business Questions

This subject area can answer the following business questions:

- *What are the individual commit records?*
- *What is the historical weekly or monthly aggregation of commit-to-forecast data for a given supply chain collaboration relationship in a waterfall table view using a pivot table?*
- *What are the individual forecast versions?*
- *What are the individual commit differences across versions?*
- *What are the incremental monthly commits, monthly forecasts, and monthly commits to forecast over time?*
- *What are the forecast and commit quantities aggregated across suppliers, supplier sites, ship-to locations, and items?*
- *What are the individual forecast commits?*

## Job Roles

---

The following job roles secure access to this subject area:

- *Supply Chain Collaboration Planner*

## Duty Roles

The following duty roles secure access to this subject area:

- *Supply Chain Collaboration Transaction Analysis Duty*

## Primary Navigation

Navigator > Supply Chain Planning

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Bucket Start Date and Planning Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Supply Chain Financial Orchestration Real Time

## Description

This subject area provides real-time information that enables customers to create intercompany reports. These reports are used by global trade managers to audit the accuracy of transfer pricing and other financial flows.

## Business Questions

This subject area can answer the following business questions:

- *What are the tasks generated and the details of transfer price for a financial flow?*
- *What are the financial flow details that were generated for a physical supply chain execution event?*
- *What are the cost accounting distributions for the trade transactions that are part of a financial flow?*

- 
- *What are the tax details for the intercompany receivables and intercompany payables that were generated as part of the financial orchestration?*

## Job Roles

The following job roles secure access to this subject area:

- *Cost Accountant*
- *Supply Chain Controller*

## Duty Roles

The following duty roles secure access to this subject area:

- *Cost Transaction Analysis Duty*
- *Supply Chain Financials Orchestration Transaction Analysis Duty*

## Primary Navigation

Navigator> Financial Orchestration

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Event Date.

## Transactional Grain

Not available

## Special Considerations

None.

# Supply Chain Orchestration - Supply Order Real Time

## Description

This subject area provides real-time information on supply orders managed by Oracle Fusion Supply Chain Orchestration. This information can be analyzed by time, request source inventory item, inventory organization, supply type, and supply type-specific attributes.

## Business Questions

This subject area can answer the following business questions:

- *Which sales orders have multiple supply orders?*
- *Which are the open purchase requisitions, reservations, and work orders where sales orders are shipped or closed?*
- *Which are the open supply orders and transfer orders where sales orders are shipped or closed?*

## Job Roles

The following job roles secure access to this subject area:

- *Supply Chain Operations Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Supply Chain Orchestration Transaction Analysis Duty*

## Primary Navigation

Navigator > Supply Chain Orchestration

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Supply Order Creation Date, Supply Line Creation Date, Supply Line Need By Date, and Supply Tracking Line Creation Date.

## Transactional Grain

This subject area returns information at the grain of the supply tracking line.

## Special Considerations

None.

# Supply Chain Orchestration - Supply Request Real Time

## Description

This subject area provides real-time information on supply requests in Oracle Fusion Supply Chain Orchestration. This information can be analyzed by time, request source inventory item, inventory organization, supply type, and supply type-specific attributes.

## Business Questions

This subject area can answer the following business questions:

- *What are the sales orders with no supply documents by supply type?*
- *What is the number of days since a supply request was created?*

## Job Roles

The following job roles secure access to this subject area:

- *Supply Chain Operations Manager*

## Duty Roles

The following duty roles secure access to this subject area:

- *Supply Chain Orchestration Transaction Analysis Duty*

## Primary Navigation

Navigator > Supply Chain Orchestration

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Supply Request Creation Date and Supply Request Need By Date.

## Transactional Grain

This subject area returns information at the grain of the supply request line.

## Special Considerations

None.

# Supply Chain Planning Real Time

## Description

This subject area provides real-time information on supply planning to enable reporting on exceptions pertaining to items, resources, suppliers, and customers. The information provides an understanding of where and when planning exceptions are occurring.

## Business Questions

This subject area can answer the following business questions:

- *Which item locations have safety stock violations?*
- *Which item locations have fill rate violations?*
- *How do I identify the key exception areas in my supply chain plan?*
- *How much of the supply quantity of the components is allocated for meeting the end demands?*
- *What are the key recommendations that a planner needs to implement?*
- *Which supply orders are needed for meeting a specific set of end demands?*
- *What are the final consumption forecast and history?*
- *Which item locations have stockouts?*
- *What items and quantities are needed for meeting a specific end demand?*

## Job Roles

The following job roles secure access to this subject area:

- *Backlog Manager*
- *Demand Planner*
- *Demand and Supply Planner*
- *Materials Planner*
- *Replenishment Planner*
- *Sales and Operations Planner*
- *Supply Chain Planner*

## Duty Roles

The following duty roles secure access to this subject area:

- *Supply Chain Planning Transaction Analysis Duty*

## Primary Navigation

Navigator > Supply Chain Planning

## Time Reporting

This subject area supports historical reporting.

Time dimension is linked to Planning Date.

## Transactional Grain

Not available

## Special Considerations

None.





# 3 Business Questions

## Overview

For each business question in this chapter, links are provided for more detailed information about the subject areas, job roles, and duty roles associated with the business question.

## What are the details for a costed bill of materials of a rollup assembly product?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Cost Rollup Details Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*

## Which assembly's cost is impacted by the change in cost of a particular component?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Where Used Details Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*

## What are the transaction details for the transactions that are not processed or interfaced to costing for a cost accounting period?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Cost Accounting Period Close Real Time*

### Job Roles

---

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*

What is the summary of validation errors for a cost accounting period that need to be reviewed prior to the cost accounting period close?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Cost Accounting Period Close Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*

## Which cost accounting transactions are not accounted for or transferred to the general ledger for a cost accounting period?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Cost Accounting Period Close Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*

## What is the account balance amount by cost transaction type for a given cost organization and cost book?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Cost Accounting Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*

# What is the cost account balance by cost accounting distribution and journal line type?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Cost Accounting Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*

## What are the estimated and actual charges for materials by item detail?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Landed Costs Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*

## What is the actual cost associated with acquiring items, which includes insurance, transportation, handling, storage, container, and import or export charges?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Landed Costs Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*

# What are the total indirect costs per category and unit?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Overhead Rates Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*

## What are the transaction details for the transactions that are not processed or interfaced to receipt accounting for a general ledger accounting period?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Receipt Accounting Period Close Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Receipt Accounting Transaction Analysis Duty*

## What is the summary of validation errors for a general ledger accounting period that need to be reviewed prior to the general ledger accounting period close for receipt accounting?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Receipt Accounting Period Close Real Time*



## Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Receipt Accounting Transaction Analysis Duty*

Which receipt accounting transactions are not accounted or transferred to the general ledger for a general ledger accounting period?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Receipt Accounting Period Close Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Receipt Accounting Transaction Analysis Duty*

## What is the ledger amount by line type for receipt account distributions?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Receipt Accounting Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Receipt Accounting Transaction Analysis Duty*

## What is the purchase order receipt transaction amount by receipt account distribution and receipt accounting transaction details?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Receipt Accounting Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Receipt Accounting Transaction Analysis Duty*

# What are the resource rates per name, type, scenario, and unit?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Resource Rates Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*

## What are the estimated and actual costs for work orders?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Work Order Costs Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Cost Accountant*
- *Maintenance Manager*
- *Maintenance Technician*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*
- *Installed Base Customer Asset Transaction Analysis Duty*
- *Maintenance Execution Transaction Analysis Duty*

## What are the line item costs per work order per product?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Work Order Costs Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Cost Accountant*
- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*
- *Installed Base Customer Asset Transaction Analysis Duty*
- *Maintenance Execution Transaction Analysis Duty*

# What are the planned vs. actual work hours charged per work order?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Work Order Costs Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Cost Accountant*
- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*
- *Installed Base Customer Asset Transaction Analysis Duty*
- *Maintenace Execution Transaction Analysis Duty*

## What are the transportation costs for work orders?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Work Order Costs Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Cost Accountant*
- *Maintenance Manager*
- *Maintenance Technician*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*
- *Installed Base Customer Asset Transaction Analysis Duty*
- *Maintenace Execution Transaction Analysis Duty*

## What is the cost of goods sold (COGS) across business units for a given item?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - New COGS and Gross Margin Details Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *COGS and Gross Margin Transaction Analysis Duty*

## What is the breakdown of the cost of goods sold (COGS) by cost element?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - New COGS and Gross Margin Details Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *COGS and Gross Margin Transaction Analysis Duty*

# What is the gross margin by business unit for a fiscal quarter?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - New COGS and Gross Margin Details Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *COGS and Gross Margin Transaction Analysis Duty*

# What are the requirements related to a given concept?

## Subject Areas



The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Concepts Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

# What is the count of concepts aging more than 90 days?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Concepts Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

# What are the counts of concepts by draft, approved, and converted statuses?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Concepts Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

# What is the count of ideas related to a concept?

## Subject Areas

---

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Concepts Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

# How long have ideas been aging?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Ideas Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

---

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

## How many ideas are in each state?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Ideas Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

## What are the counts for related ideas, concepts, or proposals?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Ideas Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

# What state are ideas in?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Ideas Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

## When was an idea last updated or voted on?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Ideas Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

## Which customers or users have posted ideas?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Ideas Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*

- 
- *Product Design Manager*
  - *Product Manager*
  - *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

# What are the projected and actual production labor costs by cost category?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Portfolio Cost Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Management VP*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*
- *Product Proposal Manager Real Time Transaction Analysis Duty Role*

## What are the projected and actual costs by portfolio and lifecycle phase?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Portfolio Lifecycle Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Management VP*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Management VP Real Time Transaction Analysis Duty Role*

## What are the three worst overallocated resource pools?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Portfolio Resource Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Management VP*
- *Product Manager*



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- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*
- *Product Proposal Manager Real Time Transaction Analysis Duty Role*

# What is the resource pool status over time?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Portfolio Resource Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Management VP*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*
- *Product Proposal Manager Real Time Transaction Analysis Duty Role*

## What are the projected and actual revenues by revenue category?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Portfolio Resource Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Management VP*
- *Product Manager*
- *Product Portfolio Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*
- *Product Proposal Manager Real Time Transaction Analysis Duty Role*

## What is the strategic fit of each product in the portfolio based on qualities such as alignment and impact?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Portfolios Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Management VP*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*

# What are the actual and projected development, labor, material, and fixed costs?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Product Portfolio Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Management VP*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*
- *Product Proposal Manager Real Time Transaction Analysis Duty Role*

# What are the actual, target, and projected resources, costs, and revenues?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Product Portfolio Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Management VP*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*
- *Product Proposal Manager Real Time Transaction Analysis Duty Role*

# What are the portfolio, proposal, and scenario details?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Product Portfolio Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Management VP*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*
- *Product Proposal Manager Real Time Transaction Analysis Duty Role*

What are the product assessment scores relative to the market alignment, impact, competitive advantage, and supply chain fit?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Product Portfolio Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Management VP*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*

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- *Product Proposal Manager Real Time Transaction Analysis Duty Role*

## What is the breakdown of portfolios by business unit and by product line across a specified time?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Product Portfolio Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Management VP*
- *Product Manager*
- *Product Portfolio Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*
- *Product Proposal Manager Real Time Transaction Analysis Duty Role*

## What are the investment return, payback period, and probability of success over a period of time?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Product Portfolio Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Management VP*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*
- *Product Proposal Manager Real Time Transaction Analysis Duty Role*

# What is the investment revenue of a particular portfolio.

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Portfolio Revenue Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Management VP*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*
- *Product Proposal Manager Real Time Transaction Analysis Duty Role*

## What are the projected vs. actual revenue, cost, and margins for each product proposal?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Product Proposals Cash Flow Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

## What is the product and market attractiveness strategic fit? Is it aligned to the market?

### Subject Areas



The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Product Proposals Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

# What are the projected and actual development and production costs?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Product Proposals Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

# What is the investment return of a particular product portfolio?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Product Proposals Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

# What is the time required to launch a specific product portfolio?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Product Proposals Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

What is the total of direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Product Proposals Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

What is the total of projected direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Product Proposals Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

Which product portfolio is at risk?

## Subject Areas

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The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Product Proposals Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

# What are the counts of requirements in draft, pending, and approved statuses?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Requirements Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

# What are the counts of requirements specifications within 30, 60, 90, and 90 plus timeframes?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Requirements Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

# What is the average age of requirements?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Requirements Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

# What is the count of concepts related to requirement specifications?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Requirements Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

# What is the count of proposals related to requirement specifications?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Requirements Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

# What is the count of requirement dependencies and impacts at the requirement specifications state?

## Subject Areas



The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Requirements Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

# What is the total count of requirements?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Requirements Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

## Duty Roles

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The following duty roles secure access to the data related to this business question:

- *Product Designer Transaction Analysis Duty*

## How do various products in the scenario compare based on a market vs. strategic fit?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Scenario Lifecycle Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Management VP*
- *Product Portfolio Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*

## What is the deviation in absolute numbers and in percentage?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Scenario Lifecycle Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Management VP*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*

# What are the total revenue, total cost, and total margin of the scenario?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Innovation Management - Scenario Lifecycle Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Management VP*
- *Product Portfolio Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Management VP Real Time Transaction Analysis Duty Role*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*

## What are all the assets sold to a customer for a given period?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Installed Base - Customer Asset Real Time*

### Job Roles

No applicable job roles

### Duty Roles

No applicable job roles

## What is the asset configuration when the asset is shipped to a customer?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Installed Base - Customer Asset Structure Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*

### Duty Roles

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The following duty roles secure access to the data related to this business question:

- *Installed Base Customer Asset Transaction Analysis Duty*

## What are the meter readings for a particular asset or assets during a specified period of time?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Installed Base - Meter Based Asset Usage Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Maintenance Manager*
- *Maintenance Technician*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Installed Base Customer Asset Transaction Analysis Duty*
- *Maintenance Execution Transaction Analysis Duty*

## What are the meter readings per work order and in a time period for specified work orders?

### Subject Areas

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The following subject areas contain the folders and attributes needed to answer this business question:

- *Installed Base - Meter Based Asset Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Installed Base Customer Asset Transaction Analysis Duty*
- *Maintenance Execution Transaction Analysis Duty*

What are the maintenance work order costs (for example, maintenance cost per mile or maintenance cost per production unit) associated to meter readings?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Installed Base - Meter Based Asset Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Installed Base Customer Asset Transaction Analysis Duty*
- *Maintenance Execution Transaction Analysis Duty*

# What are the meter readings for assets associated to a contract?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Installed Base - Meter Based Asset Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Installed Base Customer Asset Transaction Analysis Duty*
- *Maintenance Execution Transaction Analysis Duty*

## What are the ABC assignment quantities and item values?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory - Inventory ABC Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Inventory Manager*
- *Warehouse Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

## What are the ABC classification cumulative values?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory - Inventory ABC Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Inventory Manager*



- 
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

# What are the ABC classification set quantities and values?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory - Inventory ABC Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

# What are the current on-hand quantities by item, inventory organization, and subinventory?

## Subject Areas

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The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory - Inventory Balance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

# What is the supplier site for a consigned inventory?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory - Inventory Balance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

## What percentage of the on-hand quantity is consigned?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory - Inventory Balance Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Inventory Manager*
- *Warehouse Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

## What are the adjustment value tolerances?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory - Inventory Cycle Count Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

# What are the cycle counts by ABC assignment groups?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory - Inventory Cycle Count Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

# What are the inventory cycle counts in a specific count sequence, such as recounts, rejected, or approved?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory - Inventory Cycle Count Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

# What percentage of variance is hit-and-miss?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory - Inventory Cycle Count Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

## What are the current in-transit inventory quantities by item and inventory organization?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory - Inventory Supply Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Inventory Manager*
- *Warehouse Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

## What are the real-time supply quantities by supply type and destination type?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory - Inventory Supply Real Time*

### Job Roles

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The following job roles secure access to the data related to this business question:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

# What are the transactions for a given item in an inventory organization for a given day?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory - Inventory Transactions Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

# What is the inventory transaction quantity by transaction type for a given inventory organization?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory - Inventory Transactions Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

# What are all the transfer orders, with header and line information, for an item in an inventory organization?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory - Inventory Transfer Order Real Time*

## Job Roles



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The following job roles secure access to the data related to this business question:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

# What are the transfer order quantities by transaction type for the source and destination locations?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory - Inventory Transfer Order Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Inventory Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

## What are the distinct locators within a subinventory?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory Organization Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Inventory Manager*
- *Warehouse Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

## What are the distinct subinventories within a given inventory organization?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Inventory Organization Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Inventory Manager*

- 
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Inventory Transaction Analysis Duty*

# What are the assets by item, location, and associated work orders?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Asset Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenance Execution Transaction Analysis Duty*

# What are the daily resource requirements?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Asset Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenace Execution Transaction Analysis Duty*

# What are the maintenance work orders scheduled today?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Asset Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenace Execution Transaction Analysis Duty*

## What materials are required to execute maintenance work orders scheduled today?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Asset Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenance Execution Transaction Analysis Duty*

## What maintenance work orders were completed today?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Asset Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*

- 
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenance Execution Transaction Analysis Duty*

# What materials and resources were transacted today?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Asset Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenance Execution Transaction Analysis Duty*

# What are the actual vs. planned material usage quantities per product and per work order?

## Subject Areas

---

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Material Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenace Execution Transaction Analysis Duty*

# What is the quantity of returned material?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Material Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenace Execution Transaction Analysis Duty*

## What is the quantity of material usage issued?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Material Usage Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenace Execution Transaction Analysis Duty*

## What is the material usage variance?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Material Usage Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*



## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenace Execution Transaction Analysis Duty*

# What are the actual vs. planned resource usage quantities per product and work order?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Resource Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenace Execution Transaction Analysis Duty*

# What is the quantity of resource returned?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Resource Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenace Execution Transaction Analysis Duty*

# What is the issued quantity of resource usage?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Resource Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenace Execution Transaction Analysis Duty*

## What is the resource usage variance?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Resource Usage Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenace Execution Transaction Analysis Duty*

## How many work orders have been open for one, three, seven and seven plus days?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Work Order Performance Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*

- 
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenance Execution Transaction Analysis Duty*

# What is the average cycle time for work orders?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Work Order Performance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenance Execution Transaction Analysis Duty*

# What is the total number of work orders past due, unreleased, and on hold?

## Subject Areas

---

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Work Order Performance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenance Execution Transaction Analysis Duty*

# What are the work requirements associated to a specific maintenance program?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Work Requirement Real Time*

## Job Roles

No applicable job roles

## Duty Roles

No applicable job roles

## What are the work requirements defined for a specific asset, item, or maintenance organization?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Work Requirement Real Time*

### Job Roles

No applicable job roles

### Duty Roles

No applicable job roles

## What are the work requirements for assets located at a specific work center?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Work Requirement Real Time*

### Job Roles

No applicable job roles

### Duty Roles

No applicable job roles

## What are the work requirements based on a specific work definition?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Work Requirement Real Time*

### Job Roles

No applicable job roles

### Duty Roles

No applicable job roles

## What are the percentages and counts of assets that have a maintenance program associated with a work center?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Work Requirement Real Time*

### Job Roles

No applicable job roles

### Duty Roles

No applicable job roles

## What are the maintenance programs that have a reviewed date that is before a specific date?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Work Requirement Real Time*

### Job Roles

No applicable job roles

### Duty Roles

No applicable job roles

## What are the maintenance programs that were last forecasted in a specific period?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Forecast Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

### Duty Roles



---

The following duty roles secure access to the data related to this business question:

- *Maintenance Execution Transaction Analysis Duty*

What are the forecasts that must be started during a specific period for a specific work center and based on a specific work definition?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Forecast Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenance Execution Transaction Analysis Duty*

What are the work orders created from forecasts of a specific maintenance program with start dates within a specific period?

## Subject Areas

---

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Forecast Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenance Execution Transaction Analysis Duty*

What is the count of work orders created from forecasts of a specific maintenance program with start dates within a specific period?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Forecast Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

---

The following duty roles secure access to the data related to this business question:

- *Maintenance Execution Transaction Analysis Duty*

## What are the requisition quantity and requisition amount?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Purchased Item Usage Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenance Execution Transaction Analysis Duty*

## What are the purchase order quantity, purchase order amount, return to supplier quantity, correct receipt quantity, and correct return quantity?

### Subject Areas

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The following subject areas contain the folders and attributes needed to answer this business question:

- *Maintenance Management - Purchased Item Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Maintenance Manager*
- *Maintenance Technician*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Maintenace Execution Transaction Analysis Duty*

# What is the primary quantity during actual production?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Actual Production Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

# What is the transaction quantity during actual production?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Actual Production Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

# How many quantities are open?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Material Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

## What are the material issued, returned, and negative quantities?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Material Usage Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

## What is the material usage required quantity vs. actual quantity used?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Material Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

# How many production exceptions are open?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Production Exceptions Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

# What are the planned resource vs. actual usage?

## Subject Areas

---

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Resource Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

# What is the usage quantity variance?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Resource Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*



## What percentage of work orders were scrapped and rejected?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Work Order Performance Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

## What is the aging time for work orders?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Work Order Performance Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

## What is the quantity of work orders in various statuses?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Work Order Performance Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

## What is the time spent for an operation that is running, idle, or queued?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Work Order Performance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

# What is the total number of rework and transform work orders?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Work Order Performance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

## What is the total number of work orders on hold or unreleased?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Work Order Performance Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

## What is the purchased item quantity that was requested for a work order?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Purchased Item Usage Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

# What is the purchased item quantity that was ordered?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Purchased Item Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

# What is the purchased item quantity that was received?

## Subject Areas

---

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Purchased Item Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

# What is the purchased item quantity that was returned back to receiving?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Purchased Item Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

## What is the purchased item quantity that was returned back to the supplier?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Purchased Item Usage Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

## What is the purchased item quantity corrected for receipt transactions?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Purchased Item Usage Real Time*

### Job Roles

---

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*

# What is the purchased item quantity corrected for return to supplier transactions?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Manufacturing - Purchased Item Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Manufacturing Execution Analysis Duty*



## What is the number of orchestration orders for a selected time period?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Order Management - Order Headers Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Order Administrator*
- *Order Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Order Transaction Analysis Duty*

## What is the value of on-time orchestration orders for a selected status?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Order Management - Order Headers Real Time*

### Job Roles

---

The following job roles secure access to the data related to this business question:

- *Order Administrator*
- *Order Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Order Transaction Analysis Duty*

# How many orders are on hold by category, item, or customer?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Order Management - Order Holds Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Order Administrator*
- *Order Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Order Holds Transaction Analysis Duty*
- *Order Transaction Analysis Duty*

## How much time is required to resolve an on-hold order?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Order Management - Order Holds Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Order Administrator*
- *Order Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Order Holds Transaction Analysis Duty*
- *Order Transaction Analysis Duty*

## What is the actual shipped date?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Order Management - Order Lines Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Order Administrator*

- *Order Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Order Transaction Analysis Duty*

# What is the current status for each order line?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Order Management - Order Lines Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Order Administrator*
- *Order Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Order Transaction Analysis Duty*

# When are my orders scheduled to ship?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Order Management - Order Lines Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Order Administrator*
- *Order Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Order Transaction Analysis Duty*

# When did I fulfill my orders?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Order Management - Order Lines Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Order Administrator*
- *Order Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Order Transaction Analysis Duty*

## What are the price adjustment charge amounts?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Order Management - Price Adjustments Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Order Administrator*
- *Order Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Order Transaction Analysis Duty*

## What are the price adjustment cost amounts?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Order Management - Price Adjustments Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Order Administrator*
- *Order Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Order Transaction Analysis Duty*

## What are the price adjustment discount amounts?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Order Management - Price Adjustments Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Order Administrator*
- *Order Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Order Transaction Analysis Duty*

## How long does it take to complete a task?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Order Management - Process Instances Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Order Administrator*
- *Order Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Orchestration Process Transaction Analysis Duty*
- *Order Transaction Analysis Duty*

# How long does it take to process and fulfill an order?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Order Management - Process Instances Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Order Administrator*
- *Order Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Orchestration Process Transaction Analysis Duty*
- *Order Transaction Analysis Duty*



## How many tasks are active?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Order Management - Process Instances Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Order Administrator*
- *Order Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Orchestration Process Transaction Analysis Duty*
- *Order Transaction Analysis Duty*

## What are the actual vs. planned completion processing times of orders?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Order Management - Process Instances Real Time*

### Job Roles

---

The following job roles secure access to the data related to this business question:

- *Order Administrator*
- *Order Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Orchestration Process Transaction Analysis Duty*
- *Order Transaction Analysis Duty*

# Which orders are in jeopardy? What are the jeopardy reasons?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Order Management - Process Instances Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Order Administrator*
- *Order Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Orchestration Process Transaction Analysis Duty*
- *Order Transaction Analysis Duty*

## How many users run OTBI analyses?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Usage Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Usage Transactional Analysis Duty*

## Who are the top N OTBI users?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Usage Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Usage Transactional Analysis Duty*

## What is the weekly OTBI analysis usage trend?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Usage Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Usage Transactional Analysis Duty*

## What are the top N most frequently-run OTBI analyses?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Usage Transactional Analysis Duty*

# How many predefined OTBI analyses have been run in the past month?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Usage Transactional Analysis Duty*

## How many custom OTBI analyses have been run in the past month?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Usage Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Usage Transactional Analysis Duty*

## How many ad-hoc OTBI analyses have been run in the past month?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Usage Real Time*

### Job Roles

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The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Usage Transactional Analysis Duty*

# What is the execution history of dashboard X in the past month?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Usage Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Usage Transactional Analysis Duty*

## Which analyses have low usage in the past three months?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Usage Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Usage Transactional Analysis Duty*

## How many OTBI SOAP web services have been run in the past month?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Usage Real Time*

### Job Roles



The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Usage Transactional Analysis Duty*

# What are the long-running analyses in the past month?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Performance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Performance Transactional Analysis Duty*

# What is the OTBI execution time histogram in the past month?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Performance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Performance Transactional Analysis Duty*

# Which analyses have the longest response time?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Performance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*

- 
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Performance Transactional Analysis Duty*

## Which analyses have high data row count?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Performance Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Performance Transactional Analysis Duty*

## Which analyses reached OTBI max row limit?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Performance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Performance Transactional Analysis Duty*

# What are the common execution errors in the past month?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Performance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Performance Transactional Analysis Duty*

# How many analyses and dashboards failed in the past month?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Performance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Performance Transactional Analysis Duty*

# What are the most commonly used OTBI subject areas?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Performance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*

- 
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Performance Transactional Analysis Duty*

## What are the least-used OTBI subject areas?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Performance Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Performance Transactional Analysis Duty*

## Which subject areas are used frequently in ad-hoc OTBI analyses?

### Subject Areas

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The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Performance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Performance Transactional Analysis Duty*

# Which analyses have low usage because of poor performance?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Performance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Performance Transactional Analysis Duty*

## How many database SQLs are executed by an analysis?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Performance Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Performance Transactional Analysis Duty*

## What is the database SQL execution time and row count?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Performance Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*



- 
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Performance Transactional Analysis Duty*

# What is the analysis total execution time and row count?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *OTBI Performance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Application Implementation Consultant*
- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *OTBI Report Performance Transactional Analysis Duty*

# What are the product genealogy instance details?

## Subject Areas

---

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Genealogy - Genealogy Instance Real Time*
- *Product Genealogy - Genealogy Structure Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Genealogy Transaction Analysis Duty*

# What are the current location details for a genealogy instance?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Genealogy - Genealogy Instance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Production Supervisor*

## Duty Roles

---

The following duty roles secure access to the data related to this business question:

- *Product Genealogy Transaction Analysis Duty*

## What are the customer account information details for a genealogy instance?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Genealogy - Genealogy Instance Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Production Supervisor*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Genealogy Transaction Analysis Duty*

## What is the genealogy instance quantity?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Genealogy - Genealogy Instance Real Time*

### Job Roles

---

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Genealogy Transaction Analysis Duty*

# What are the current location details?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Genealogy - Genealogy Structure Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Genealogy Transaction Analysis Duty*

## What is the real-time component structure of a genealogy object?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Genealogy - Genealogy Object Composition Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Production Supervisor*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Genealogy Transaction Analysis Duty*

## What is the real-time information on all genealogy objects where a specified component is used.

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Genealogy - Genealogy Object Where Used Real Time*

### Job Roles

---

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Genealogy Transaction Analysis Duty*

# What are the product genealogy transaction details?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Genealogy - Genealogy Transaction Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Genealogy Transaction Analysis Duty*

## What are the genealogy party and genealogy location references?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Genealogy - Genealogy Transaction Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Production Supervisor*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Genealogy Transaction Analysis Duty*

## What are the child components and related levels for a parent object?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Genealogy - Genealogy Object Composition Real Time*

### Job Roles

---

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Genealogy Transaction Analysis Duty*

# What are the product genealogy transaction details for a parent object?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Genealogy - Genealogy Object Composition Real Time*
- *Product Genealogy - Genealogy Object Where Used Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Genealogy Transaction Analysis Duty*



For a given component, what is the parent object, where is the component used, and what are the related levels of the component?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Genealogy - Genealogy Object Where Used Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Asset Administrator*
- *Production Supervisor*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Genealogy Transaction Analysis Duty*

What components make up an item?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Structures and Components Real Time*

## Job Roles

---

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *External Product Catalog Transaction Analysis Duty*
- *Product Catalog Transaction Analysis Duty*

# What assemblies may be impacted if changes are made to an item?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Where Used Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *External Product Catalog Transaction Analysis Duty*
- *Product Catalog Transaction Analysis Duty*

## Which are the organization hierarchies that contain a particular organization?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Organization Hierarchy Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## Which are the organization hierarchies that contain an item's organization at any level in the organization hierarchy?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Organization Hierarchy Real Time*

### Job Roles

---

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

Which are the organization hierarchies that contain an item structure organization at any level in the organization hierarchy?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Organization Hierarchy Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## What is the cycle time of approvals for change orders?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Change Order Approvals Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## What is the cycle time of each status of a change order?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Change Order Approvals Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## What is the cycle time by approvers of change orders?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Change Order Approvals Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## Which change orders took the longest?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Change Order Approvals Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# Which change orders are in the approval status for a long time?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Change Order Approvals Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## What are the workflow transition details of a change order? Who are the approvers, and what were their comments?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Change Order Approvals Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## What is the cycle time of approvals for new item requests?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - New Item Request Approvals Real Time*

### Job Roles



---

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# What is the cycle time of each status of a new item request?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - New Item Request Approvals Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# What is the cycle time by approvers of new item requests?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - New Item Request Approvals Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# Which new item requests took the longest?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - New Item Request Approvals Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*

- 
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# Which new item requests are in the approval status for a long time?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - New Item Request Approvals Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# What is the count of change order lines by change order status?

## Subject Areas

---

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Change Order Approvals Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# What are the change orders pending approval?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Change Order Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## What is the average age of change orders by change order type?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Change Order Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## What is the current count of change orders by approval status?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Change Order Real Time*

### Job Roles

---

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# What are the counts of change order lines by item, category, and catalog?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Components Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## What is the count of cross-referenced items by cross-reference type?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Cross Reference Item Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## What is the count of records with cross-referenced item numbers for a given category?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Cross Reference Item Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# What are the approved items for an organization?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Item Revisions Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*



# What is the count of rejected items by item type and item class?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Item Revisions Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# What are the counts and percentages of products per supplier in various states, such as created, rejected, requiring corrections, and imported?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Item Supplier Uploads Real Time*

## Job Roles

---

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# What is the average correction time per supplier?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Item Supplier Uploads Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## What is the average time between supplier product submission and corresponding master item creation?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Item Supplier Uploads Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## What is the count of products per supplier across a specific time interval, such as a week, month, quarter, year, and period?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Item Supplier Uploads Real Time*

### Job Roles

---

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# What is the number of products by category, by upload, and without attachments per supplier?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Item Supplier Uploads Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## What is the count of new item request lines by request line status?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - New Item Request Line Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## What is the count of new item request lines requested this month?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - New Item Request Line Real Time*

### Job Roles

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The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# How many new item requests have been rejected for an item?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - New Item Request Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## What are the new item requests pending approval?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - New Item Request Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## What is the average cycle time by new item request priority?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - New Item Request Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*

- 
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# What are the related items by related item type for a given item?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Related Item Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# What are the corresponding source system items by source system type for a given item?

## Subject Areas



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The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Source System Item Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# What are the different structures by structure type for a given item?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Structures Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## What is the effectivity for a given item structure?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Structures Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

## What are the different related items by trading partner type for a given item?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Trading Partner Item Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*

- 
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# To which categories and hierarchies are items assigned to?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Item Catalog Category Hierarchy Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# What are the categories in a catalog?

## Subject Areas

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The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Management - Item Catalog Category Hierarchy Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Data Steward*
- *Product Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Catalog Transaction Analysis Duty*

# What are the counts of quality actions that are in draft, open, in-progress, and completed states?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Enterprise Quality Actions Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Quality Analyst*
- *Quality Engineer*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Quality Issues and Actions Transaction Analysis Duty*

## What are the counts of quality actions that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Enterprise Quality Actions Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Quality Analyst*
- *Quality Engineer*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Quality Issues and Actions Transaction Analysis Duty*

## What is the overall average cycle time for quality actions?

### Subject Areas

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The following subject areas contain the folders and attributes needed to answer this business question:

- *Enterprise Quality Actions Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Quality Analyst*
- *Quality Engineer*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Quality Issues and Actions Transaction Analysis Duty*

What is the average cycle time for quality actions that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Enterprise Quality Actions Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Quality Analyst*

- 
- *Quality Engineer*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Quality Issues and Actions Transaction Analysis Duty*

# What is the count of affected items that were impacted by quality actions?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Enterprise Quality Actions Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Quality Analyst*
- *Quality Engineer*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Quality Issues and Actions Transaction Analysis Duty*

What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality actions?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Enterprise Quality Actions Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Quality Analyst*
- *Quality Engineer*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Quality Issues and Actions Transaction Analysis Duty*

What are the counts of quality issues that are in draft, open, in-progress, and completed states?

## Subject Areas



The following subject areas contain the folders and attributes needed to answer this business question:

- *Enterprise Quality Issues Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Quality Analyst*
- *Quality Engineer*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Quality Issues and Actions Transaction Analysis Duty*

What are the counts of quality issues that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Enterprise Quality Issues Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Quality Analyst*
- *Quality Engineer*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Quality Issues and Actions Transaction Analysis Duty*

# What is the overall average cycle time for quality issues?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Enterprise Quality Issues Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Quality Analyst*
- *Quality Engineer*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Quality Issues and Actions Transaction Analysis Duty*

What is the average cycle time for quality issues that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Enterprise Quality Issues Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Quality Analyst*
- *Quality Engineer*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Quality Issues and Actions Transaction Analysis Duty*

What is the count of affected items that were impacted by the quality issues?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Enterprise Quality Issues Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Quality Analyst*
- *Quality Engineer*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Quality Issues and Actions Transaction Analysis Duty*

What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality issues?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Enterprise Quality Issues Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Quality Analyst*

- *Quality Engineer*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Quality Issues and Actions Transaction Analysis Duty*

# What is the count of in-transit advance shipment notice lines by supplier?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Receiving - In-Transit Advanced Shipment Notifications Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Receiving Transaction Analysis Duty*

# What is the shipped quantity by carrier?

## Subject Areas

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The following subject areas contain the folders and attributes needed to answer this business question:

- *Receiving - In-Transit Advanced Shipment Notifications Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Receiving Transaction Analysis Duty*

# What is the total shipped quantity of in-transit inventory between a source inventory organization and a destination inventory organization?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Receiving - In-Transit Interorganization Inventory Transfers Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Receiving Transaction Analysis Duty*

# What is the total in-transit quantity for a given inventory organization as of today?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Receiving - In-Transit Shipments Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Receiving Transaction Analysis Duty*

# What are the receipt amounts?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Receiving - Interorganization Receipts Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Receiving Transaction Analysis Duty*

What are the receipt quantities in various states, such as accepted, rejected, delivered, returned, shipped, and actual-received?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Receiving - Interorganization Receipts Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Receiving Transaction Analysis Duty*

What is the interorganizational count of receipts?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Receiving - Interorganization Receipts Real Time*



## Job Roles

The following job roles secure access to the data related to this business question:

- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Receiving Transaction Analysis Duty*

# What is the count of purchasing receipt lines by item and inventory organization?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Receiving - Purchase Receipts Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Receiving Transaction Analysis Duty*

## What is the returned quantity by item and inventory organization?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Receiving - Purchase Receipts Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Warehouse Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Receiving Transaction Analysis Duty*

## What percentage of the shipped quantity for an item has been received into inventory at a receiving inventory organization?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Receiving - Receipts Real Time*

### Job Roles

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The following job roles secure access to the data related to this business question:

- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Receiving Transaction Analysis Duty*

# What are the transaction quantity and actual received quantity by item and by receiving inventory organization?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Receiving - Transactions Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Receiving Transaction Analysis Duty*

## How do the unordered receipts compare to purchase orders?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Receiving - Unordered Receipts Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Warehouse Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Receiving Transaction Analysis Duty*

## Why am I not able to view certain subject areas with my login credentials?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Security - Roles and Privileges Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Security Transaction Analysis Duty*

# Which data security policy would provide access to the data I need to see?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Security - Roles and Privileges Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Security Transaction Analysis Duty*

Can I view and edit a particular page? If yes, which functional security policy do I need to provide to a user who needs similar access?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Security - Roles and Privileges Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Security Transaction Analysis Duty*

I have not added a specific role to a user, but the user seem to have this job role. Can I trace how has this been inherited by the user?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Security - Roles and Privileges Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Security Transaction Analysis Duty*

# What are all the data security privileges that a specific user added?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Security - Audit Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *IT Security Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Security Transaction Analysis Duty*

## Which roles were added with a specific functional security policy, and who added them?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Security - Audit Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *IT Security Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Security Transaction Analysis Duty*

## How often did customer-ordered parts arrive ontime?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Service Logistics - Parts Fulfillment Performance Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Field Service Administrator*



## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Service Logistics Transaction Analysis Duty*

# How often did field service-ordered parts arrive ontime?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Service Logistics - Parts Fulfillment Performance Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Field Service Administrator*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Service Logistics Transaction Analysis Duty*

# What is the revenue for parts sales?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Service Logistics - Service Parts Profitability Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Field Service Administrator*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Service Logistics Transaction Analysis Duty*

# Did we make or lose money on part exchanges?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Service Logistics - Service Parts Profitability Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Field Service Administrator*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Service Logistics Transaction Analysis Duty*

# What is the revenue for each parts category?

## Subject Areas

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The following subject areas contain the folders and attributes needed to answer this business question:

- *Service Logistics - Service Parts Profitability Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Field Service Administrator*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Service Logistics Transaction Analysis Duty*

# What shipments are closed for a sold-to customer?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Shipping Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Shipping Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Order Pick Transaction Analysis Duty*

## What shipments of an item are due today or tomorrow?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Shipping Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Shipping Manager*
- *Warehouse Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Order Pick Transaction Analysis Duty*

## Which shipments are late to the inventory organization?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Shipping Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Shipping Manager*
- *Warehouse Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Order Pick Transaction Analysis Duty*

What are the forecast and commit quantities aggregated across suppliers, supplier sites, ship-to locations, and items?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Collaboration - Supply Planning Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Supply Chain Collaboration Planner*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Collaboration Transaction Analysis Duty*

What are the incremental monthly commits, monthly forecasts, and monthly commits to forecast over time?

## Subject Areas

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The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Collaboration - Supply Planning Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Supply Chain Collaboration Planner*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Collaboration Transaction Analysis Duty*

# What are the individual commit differences across versions?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Collaboration - Supply Planning Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Supply Chain Collaboration Planner*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Collaboration Transaction Analysis Duty*

## What are the individual commit records?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Collaboration - Supply Planning Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Supply Chain Collaboration Planner*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Collaboration Transaction Analysis Duty*

## What are the individual forecast commits?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Collaboration - Supply Planning Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Supply Chain Collaboration Planner*

### Duty Roles

---

The following duty roles secure access to the data related to this business question:

- *Supply Chain Collaboration Transaction Analysis Duty*

## What are the individual forecast versions?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Collaboration - Supply Planning Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Supply Chain Collaboration Planner*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Collaboration Transaction Analysis Duty*

## What is the historical weekly or monthly aggregation of commit-to-forecast data for a given supply chain collaboration relationship in a waterfall table view using a pivot table?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Collaboration - Supply Planning Real Time*



## Job Roles

The following job roles secure access to the data related to this business question:

- *Supply Chain Collaboration Planner*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Collaboration Transaction Analysis Duty*

# What are the financial flow details that were generated for a physical supply chain execution event?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Financial Orchestration Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*
- *Supply Chain Controller*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*
- *Supply Chain Financials Orchestration Transaction Analysis Duty*

## What are the tasks generated and the details of transfer price for a financial flow?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Financial Orchestration Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*
- *Supply Chain Controller*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*
- *Supply Chain Financials Orchestration Transaction Analysis Duty*

## What are the tax details for the intercompany receivables and intercompany payables that were generated as part of the financial orchestration?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Financial Orchestration Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*
- *Supply Chain Controller*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*
- *Supply Chain Financials Orchestration Transaction Analysis Duty*

# What are the cost accounting distributions for the trade transactions that are part of a financial flow?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Financial Orchestration Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*
- *Supply Chain Controller*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*
- *Supply Chain Financials Orchestration Transaction Analysis Duty*

## Which sales orders have multiple supply orders?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Orchestration - Supply Order Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Supply Chain Operations Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Orchestration Transaction Analysis Duty*

## Which are the open supply orders and transfer orders where sales orders are shipped or closed?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Orchestration - Supply Order Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Supply Chain Operations Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Orchestration Transaction Analysis Duty*

Which are the open purchase requisitions, reservations, and work orders where sales orders are shipped or closed?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Orchestration - Supply Order Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Supply Chain Operations Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Orchestration Transaction Analysis Duty*

What is the number of days since a supply request was created?

## Subject Areas

---

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Orchestration - Supply Request Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Supply Chain Operations Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Orchestration Transaction Analysis Duty*

# What are the sales orders with no supply documents by supply type?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Orchestration - Supply Request Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Supply Chain Operations Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Orchestration Transaction Analysis Duty*

# How do I identify the key exception areas in my supply chain plan?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Planning Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Backlog Manager*
- *Demand Planner*
- *Demand and Supply Planner*
- *Materials Planner*
- *Replenishment Planner*
- *Sales and Operations Planner*
- *Supply Chain Planner*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Planning Transaction Analysis Duty*

# How much of the supply quantity of the components is allocated for meeting the end demands?

## Subject Areas

---

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Planning Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Backlog Manager*
- *Demand Planner*
- *Demand and Supply Planner*
- *Materials Planner*
- *Replenishment Planner*
- *Sales and Operations Planner*
- *Supply Chain Planner*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Planning Transaction Analysis Duty*

# What are the key recommendations that a planner needs to implement?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Planning Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Backlog Manager*
- *Demand Planner*
- *Demand and Supply Planner*



- 
- *Materials Planner*
  - *Replenishment Planner*
  - *Sales and Operations Planner*
  - *Supply Chain Planner*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Planning Transaction Analysis Duty*

# What items and quantities are needed for meeting a specific end demand?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Planning Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Backlog Manager*
- *Demand Planner*
- *Demand and Supply Planner*
- *Materials Planner*
- *Replenishment Planner*
- *Sales and Operations Planner*
- *Supply Chain Planner*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Planning Transaction Analysis Duty*

## Which supply orders are needed for meeting a specific set of end demands?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Planning Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Backlog Manager*
- *Demand Planner*
- *Demand and Supply Planner*
- *Materials Planner*
- *Replenishment Planner*
- *Sales and Operations Planner*
- *Supply Chain Planner*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Planning Transaction Analysis Duty*

## Which item locations have fill rate violations?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Planning Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Backlog Manager*
- *Demand Planner*
- *Demand and Supply Planner*
- *Materials Planner*
- *Replenishment Planner*
- *Sales and Operations Planner*
- *Supply Chain Planner*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Planning Transaction Analysis Duty*

# Which item locations have stockouts?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Planning Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Backlog Manager*
- *Demand Planner*
- *Demand and Supply Planner*
- *Materials Planner*
- *Replenishment Planner*
- *Sales and Operations Planner*
- *Supply Chain Planner*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Planning Transaction Analysis Duty*

## Which item locations have safety stock violations?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Planning Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Backlog Manager*
- *Demand Planner*
- *Demand and Supply Planner*
- *Materials Planner*
- *Replenishment Planner*
- *Sales and Operations Planner*
- *Supply Chain Planner*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Planning Transaction Analysis Duty*

## What are the final consumption forecast and history?

### Subject Areas

---

The following subject areas contain the folders and attributes needed to answer this business question:

- *Supply Chain Planning Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Backlog Manager*
- *Demand Planner*
- *Demand and Supply Planner*
- *Materials Planner*
- *Replenishment Planner*
- *Sales and Operations Planner*
- *Supply Chain Planner*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Supply Chain Planning Transaction Analysis Duty*

# What is the average lead time of recall tasks in each department, location, or warehouse?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Recall Management Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Recall Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Recall Management Transaction Analysis Duty*

# Who are the manufacturers from whom product recalls originate very often?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Recall Management Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Recall Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Recall Management Transaction Analysis Duty*

# How many pending recall tasks does a warehouse operator or counter of a periodic automatic replenishment (PAR) subinventory have at a point in time?

## Subject Areas

---

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Recall Management Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Recall Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Recall Management Transaction Analysis Duty*

# Which are the departments or locations holding the recalled parts?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Recall Management Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Recall Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Recall Management Transaction Analysis Duty*

Is there any discrepancy between the estimated recall quantity and current on-hand quantity in any perpetual location for an item or lot before the recall count is performed?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Recall Management Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Recall Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Recall Management Transaction Analysis Duty*

Which are the recall notices that take long to get resolved?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Recall Management Real Time*



## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Recall Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Recall Management Transaction Analysis Duty*

How do the recalled parts get disposed of? Are they disposed of according to the replacement types indicated in the recall notices?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Recall Management Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Recall Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Recall Management Transaction Analysis Duty*

## What is the price at which a debit memo must be raised for recalled parts that were disposed of?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Recall Management Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Recall Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Recall Management Transaction Analysis Duty*

## What are the item categories that frequently get product recalls?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Recall Management Real Time*

### Job Roles

---

The following job roles secure access to the data related to this business question:

- *Product Recall Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Recall Management Transaction Analysis Duty*

# Which are the departments or locations with recalled parts for which action must be taken?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Recall Management Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Recall Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Recall Management Transaction Analysis Duty*

# What are the inbound transactions that are on recall?

## Subject Areas

---

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Recall Management Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Recall Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Recall Management Transaction Analysis Duty*

# What measures are taken to address the inbound transactions that were on recall?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Recall Management Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Product Recall Manager*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Recall Management Transaction Analysis Duty*

## Which are the business units to which a recall notice is assigned?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Product Recall Management Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Product Recall Manager*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Product Recall Management Transaction Analysis Duty*

## What are the counts of holds that are placed, released, and pending?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Fiscal Document Holds Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Fiscal Document Specialist*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Fiscal Document Capture Transaction Analysis Duty*

# What are the amounts on hold?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Fiscal Document Holds Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Fiscal Document Specialist*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Fiscal Document Capture Transaction Analysis Duty*

# What is the count of fiscal documents on hold?

## Subject Areas

---

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Fiscal Document Holds Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Fiscal Document Specialist*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Fiscal Document Capture Transaction Analysis Duty*

# What is the count of items pending delivery?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Fiscal Document Item Deliveries Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Receiving Specialist*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Fiscal Document Capture Item Deliveries Transaction Analysis Duty*

## What is the count of fiscal documents containing errors?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Interfaced Fiscal Document Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Fiscal Document Specialist*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Fiscal Document Capture Transaction Analysis Duty*

## What are the counts of errors for fiscal document lines, legal processes, and references?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Interfaced Fiscal Document Real Time*

### Job Roles



---

The following job roles secure access to the data related to this business question:

- *Fiscal Document Specialist*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Fiscal Document Capture Transaction Analysis Duty*

# What are the counts of the fiscal document transactions?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Fiscal Document Capture Transactions Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Fiscal Document Specialist*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Fiscal Document Capture Transaction Analysis Duty*

## What is the quantity and value of the in-transit material at a period end or current date?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Period Intransit Inventory Valuation Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*

## What is the inventory onhand quantity and it's value at period end or current date.

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Period Inventory Valuation Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*

# What are the Periodic Average costs and supporting details for a cost accounting period?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Periodic Average Cost Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*

## What are the perpetual average costs and associated transaction details?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Perpetual Average Cost Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

### Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*

## Whats are the standard cost details for an item and valuation unit as of a spoecific date?

### Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Standard Cost Real Time*

### Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*

# Whats are the transaction costs associated to the inventory transactions?

## Subject Areas

The following subject areas contain the folders and attributes needed to answer this business question:

- *Costing - Transaction Cost Real Time*

## Job Roles

The following job roles secure access to the data related to this business question:

- *Cost Accountant*

## Duty Roles

The following duty roles secure access to the data related to this business question:

- *Cost Transaction Analysis Duty*



# 4 Job Roles

## Overview

For each job role in this chapter, links are provided for more detailed information about the duty roles, subject areas, and business questions associated with the job role.

## Application Implementation Consultant

### Code Name

ORA\_ASM\_APPLICATION\_IMPLEMENTATION\_CONSULTANT\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *OTBI Report Performance Transactional Analysis Duty*
- *OTBI Report Usage Transactional Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *OTBI Performance Real Time*
- *OTBI Usage Real Time*

### Business Questions

This job role secures access to data that can answer the following business questions:

- *How many OTBI SOAP web services have been run in the past month?*
- *What is the OTBI execution time histogram in the past month?*
- *Which analyses have high data row count?*
- *Which subject areas are used frequently in ad-hoc OTBI analyses?*
- *What is the weekly OTBI analysis usage trend?*
- *How many predefined OTBI analyses have been run in the past month?*

- *How many ad-hoc OTBI analyses have been run in the past month?*
- *What is the database SQL execution time and row count?*
- *What are the top N most frequently-run OTBI analyses?*
- *Which analyses reached OTBI max row limit?*
- *How many users run OTBI analyses?*
- *How many analyses and dashboards failed in the past month?*
- *Who are the top N OTBI users?*
- *What is the analysis total execution time and row count?*
- *Which analyses have the longest response time?*
- *What are the least-used OTBI subject areas?*
- *How many database SQLs are executed by an analysis?*
- *How many custom OTBI analyses have been run in the past month?*
- *Which analyses have low usage in the past three months?*
- *What are the long-running analyses in the past month?*
- *What are the common execution errors in the past month?*
- *What are the most commonly used OTBI subject areas?*
- *What is the execution history of dashboard X in the past month?*
- *Which analyses have low usage because of poor performance?*

## Asset Administrator

### Code Name

ORA\_CSE\_ASSET\_ADMINISTRATOR\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Installed Base Customer Asset Transaction Analysis Duty*
- *Product Genealogy Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *Costing - Work Order Costs Real Time*
- *Installed Base - Customer Asset Structure Real Time*
- *Installed Base - Meter Based Asset Usage Real Time*



- *Product Genealogy - Genealogy Instance Real Time*
- *Product Genealogy - Genealogy Object Composition Real Time*
- *Product Genealogy - Genealogy Object Where Used Real Time*
- *Product Genealogy - Genealogy Structure Real Time*
- *Product Genealogy - Genealogy Transaction Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *What are the estimated and actual costs for work orders?*
- *What is the real-time information on all genealogy objects where a specified component is used.*
- *What are the genealogy party and genealogy location references?*
- *For a given component, what is the parent object, where is the component used, and what are the related levels of the component?*
- *What is the real-time component structure of a genealogy object?*
- *What are the child components and related levels for a parent object?*
- *What are the product genealogy transaction details for a parent object?*
- *What are the meter readings per work order and in a time period for specified work orders?*
- *What are the meter readings for assets associated to a contract?*
- *What are the line item costs per work order per product?*
- *What are the transportation costs for work orders?*
- *What are the meter readings for a particular asset or assets during a specified period of time?*
- *What are the current location details for a genealogy instance?*
- *What are the customer account information details for a genealogy instance?*
- *What is the genealogy instance quantity?*
- *What are the current location details?*
- *What are the product genealogy transaction details?*
- *What are the product genealogy instance details?*
- *What are the planned vs. actual work hours charged per work order?*
- *What are the maintenance work order costs (for example, maintenance cost per mile or maintenance cost per production unit) associated to meter readings?*
- *What is the asset configuration when the asset is shipped to a customer?*

## Backlog Manager

Code Name

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ORA\_MSC\_BACKLOG\_MANAGER\_JOB

## Duty Roles

This job role is related to the following duty roles:

- *Supply Chain Planning Transaction Analysis Duty*

## Subject Areas

This job role secures access to the following subject areas:

- *Supply Chain Planning Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *Which item locations have safety stock violations?*
- *Which item locations have fill rate violations?*
- *How do I identify the key exception areas in my supply chain plan?*
- *How much of the supply quantity of the components is allocated for meeting the end demands?*
- *What are the key recommendations that a planner needs to implement?*
- *Which supply orders are needed for meeting a specific set of end demands?*
- *What are the final consumption forecast and history?*
- *Which item locations have stockouts?*
- *What items and quantities are needed for meeting a specific end demand?*

## Cost Accountant

### Code Name

ORA\_CST\_COST\_ACCOUNTANT\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *COGS and Gross Margin Transaction Analysis Duty*

- *Cost Transaction Analysis Duty*
- *Receipt Accounting Transaction Analysis Duty*

## Subject Areas

This job role secures access to the following subject areas:

- *Costing - Cost Accounting Period Close Real Time*
- *Costing - Cost Accounting Real Time*
- *Costing - Cost Rollup Details Real Time*
- *Costing - Landed Costs Real Time*
- *Costing - New COGS and Gross Margin Details Real Time*
- *Costing - Overhead Rates Real Time*
- *Costing - Period Intransit Inventory Valuation Real Time*
- *Costing - Period Inventory Valuation Real Time*
- *Costing - Periodic Average Cost Real Time*
- *Costing - Perpetual Average Cost Real Time*
- *Costing - Receipt Accounting Period Close Real Time*
- *Costing - Receipt Accounting Real Time*
- *Costing - Resource Rates Real Time*
- *Costing - Standard Cost Real Time*
- *Costing - Transaction Cost Real Time*
- *Costing - Where Used Details Real Time*
- *Costing - Work Order Costs Real Time*
- *Supply Chain Financial Orchestration Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *Whats are the transaction costs associated to the inventory transactions?*
- *What is the breakdown of the cost of goods sold (COGS) by cost element?*
- *Which cost accounting transactions are not accounted for or transferred to the general ledger for a cost accounting period?*
- *What is the summary of validation errors for a general ledger accounting period that need to be reviewed prior to the general ledger accounting period close for receipt accounting?*
- *What are the estimated and actual costs for work orders?*
- *What is the inventory onhand quantity and it's value at period end or current date.*
- *What are the tasks generated and the details of transfer price for a financial flow?*

- *What is the summary of validation errors for a cost accounting period that need to be reviewed prior to the cost accounting period close?*
- *What are the estimated and actual charges for materials by item detail?*
- *What is the actual cost associated with acquiring items, which includes insurance, transportation, handling, storage, container, and import or export charges?*
- *What are the transaction details for the transactions that are not processed or interfaced to receipt accounting for a general ledger accounting period?*
- *What are the standard cost details for an item and valuation unit as of a specific date?*
- *What are the financial flow details that were generated for a physical supply chain execution event?*
- *What are the cost accounting distributions for the trade transactions that are part of a financial flow?*
- *What are the line item costs per work order per product?*
- *What are the transportation costs for work orders?*
- *What is the quantity and value of the in-transit material at a period end or current date?*
- *What are the Periodic Average costs and supporting details for a cost accounting period?*
- *Which receipt accounting transactions are not accounted or transferred to the general ledger for a general ledger accounting period?*
- *What is the ledger amount by line type for receipt account distributions?*
- *What is the purchase order receipt transaction amount by receipt account distribution and receipt accounting transaction details?*
- *What are the perpetual average costs and associated transaction details?*
- *What are the tax details for the intercompany receivables and intercompany payables that were generated as part of the financial orchestration?*
- *What is the cost of goods sold (COGS) across business units for a given item?*
- *What are the details for a costed bill of materials of a rollup assembly product?*
- *What is the cost account balance by cost accounting distribution and journal line type?*
- *What are the total indirect costs per category and unit?*
- *What are the planned vs. actual work hours charged per work order?*
- *Which assembly's cost is impacted by the change in cost of a particular component?*
- *What is the account balance amount by cost transaction type for a given cost organization and cost book?*
- *What are the resource rates per name, type, scenario, and unit?*
- *What is the gross margin by business unit for a fiscal quarter?*
- *What are the transaction details for the transactions that are not processed or interfaced to costing for a cost accounting period?*

## Demand Planner

Code Name

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ORA\_MSC\_DEMAND\_PLANNER\_JOB

## Duty Roles

This job role is related to the following duty roles:

- *Supply Chain Planning Transaction Analysis Duty*

## Subject Areas

This job role secures access to the following subject areas:

- *Supply Chain Planning Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *Which item locations have safety stock violations?*
- *Which item locations have fill rate violations?*
- *How do I identify the key exception areas in my supply chain plan?*
- *How much of the supply quantity of the components is allocated for meeting the end demands?*
- *What are the key recommendations that a planner needs to implement?*
- *Which supply orders are needed for meeting a specific set of end demands?*
- *What are the final consumption forecast and history?*
- *Which item locations have stockouts?*
- *What items and quantities are needed for meeting a specific end demand?*

# Demand and Supply Planner

## Code Name

ORA\_MSC\_DEMAND\_AND\_SUPPLY\_PLANNER\_JOB

## Duty Roles

This job role is related to the following duty roles:

- *Supply Chain Planning Transaction Analysis Duty*

## Subject Areas

This job role secures access to the following subject areas:

- *Supply Chain Planning Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *Which item locations have safety stock violations?*
- *Which item locations have fill rate violations?*
- *How do I identify the key exception areas in my supply chain plan?*
- *How much of the supply quantity of the components is allocated for meeting the end demands?*
- *What are the key recommendations that a planner needs to implement?*
- *Which supply orders are needed for meeting a specific set of end demands?*
- *What are the final consumption forecast and history?*
- *Which item locations have stockouts?*
- *What items and quantities are needed for meeting a specific end demand?*

## Field Service Administrator

### Code Name

ORA\_RCL\_FIELD\_SERVICE\_ADMINISTRATOR\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Service Logistics Transaction Analysis Duty*

## Subject Areas

This job role secures access to the following subject areas:

- *Service Logistics - Parts Fulfillment Performance Real Time*
- *Service Logistics - Service Parts Profitability Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *Did we make or lose money on part exchanges?*
- *What is the revenue for parts sales?*
- *How often did field service-ordered parts arrive ontime?*
- *What is the revenue for each parts category?*
- *How often did customer-ordered parts arrive ontime?*

## Fiscal Document Specialist

### Code Name

ORA\_CMF\_FISCAL\_DOCUMENT\_SPECIALIST\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Fiscal Document Capture Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *Costing - Fiscal Document Capture Transactions Real Time*
- *Costing - Fiscal Document Holds Real Time*
- *Costing - Interfaced Fiscal Document Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *What are the counts of errors for fiscal document lines, legal processes, and references?*
- *What is the count of fiscal documents on hold?*
- *What are the counts of the fiscal document transactions?*
- *What is the count of fiscal documents containing errors?*
- *What are the counts of holds that are placed, released, and pending?*

- *What are the amounts on hold?*

## IT Security Manager

### Code Name

ORA\_FND\_IT\_SECURITY\_MANAGER\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *OTBI Report Performance Transactional Analysis Duty*
- *OTBI Report Usage Transactional Analysis Duty*
- *Security Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *OTBI Performance Real Time*
- *OTBI Usage Real Time*
- *Security - Audit Real Time*
- *Security - Roles and Privileges Real Time*

### Business Questions

This job role secures access to data that can answer the following business questions:

- *How many OTBI SOAP web services have been run in the past month?*
- *What is the OTBI execution time histogram in the past month?*
- *Which analyses have high data row count?*
- *Which subject areas are used frequently in ad-hoc OTBI analyses?*
- *Why am I not able to view certain subject areas with my login credentials?*
- *What is the weekly OTBI analysis usage trend?*
- *How many predefined OTBI analyses have been run in the past month?*
- *How many ad-hoc OTBI analyses have been run in the past month?*
- *What is the database SQL execution time and row count?*



- *Which data security policy would provide access to the data I need to see?*
- *What are all the data security privileges that a specific user added?*
- *What are the top N most frequently-run OTBI analyses?*
- *Which analyses reached OTBI max row limit?*
- *Can I view and edit a particular page? If yes, which functional security policy do I need to provide to a user who needs similar access?*
- *Which roles were added with a specific functional security policy, and who added them?*
- *How many users run OTBI analyses?*
- *How many analyses and dashboards failed in the past month?*
- *I have not added a specific role to a user, but the user seem to have this job role. Can I trace how has this been inherited by the user?*
- *Who are the top N OTBI users?*
- *What is the analysis total execution time and row count?*
- *Which analyses have the longest response time?*
- *What are the least-used OTBI subject areas?*
- *How many database SQLs are executed by an analysis?*
- *How many custom OTBI analyses have been run in the past month?*
- *Which analyses have low usage in the past three months?*
- *What are the long-running analyses in the past month?*
- *What are the common execution errors in the past month?*
- *What are the most commonly used OTBI subject areas?*
- *What is the execution history of dashboard X in the past month?*
- *Which analyses have low usage because of poor performance?*

## Inventory Manager

### Code Name

ORA\_INV\_INVENTORY\_MANAGER\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Inventory Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *Inventory - Inventory ABC Real Time*
- *Inventory - Inventory Balance Real Time*
- *Inventory - Inventory Cycle Count Real Time*
- *Inventory - Inventory Supply Real Time*
- *Inventory - Inventory Transactions Real Time*
- *Inventory - Inventory Transfer Order Real Time*
- *Inventory Organization Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *What are the ABC assignment quantities and item values?*
- *What are the transactions for a given item in an inventory organization for a given day?*
- *What is the inventory transaction quantity by transaction type for a given inventory organization?*
- *What are the distinct locators within a subinventory?*
- *What are the ABC classification cumulative values?*
- *What are the ABC classification set quantities and values?*
- *What is the supplier site for a consigned inventory?*
- *What are the current in-transit inventory quantities by item and inventory organization?*
- *What are the real-time supply quantities by supply type and destination type?*
- *What are the cycle counts by ABC assignment groups?*
- *What percentage of variance is hit-and-miss?*
- *What are the current on-hand quantities by item, inventory organization, and subinventory?*
- *What are the inventory cycle counts in a specific count sequence, such as recounts, rejected, or approved?*
- *What percentage of the on-hand quantity is consigned?*
- *What are the transfer order quantities by transaction type for the source and destination locations?*
- *What are all the transfer orders, with header and line information, for an item in an inventory organization?*
- *What are the adjustment value tolerances?*
- *What are the distinct subinventories within a given inventory organization?*

## Maintenance Manager

Code Name

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## ORA\_MNT\_MAINTENANCE\_MANAGER\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Maintenance Execution Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *Costing - Work Order Costs Real Time*
- *Installed Base - Meter Based Asset Usage Real Time*
- *Maintenance Management - Asset Real Time*
- *Maintenance Management - Forecast Real Time*
- *Maintenance Management - Material Usage Real Time*
- *Maintenance Management - Purchased Item Usage Real Time*
- *Maintenance Management - Resource Usage Real Time*
- *Maintenance Management - Work Order Performance Real Time*

### Business Questions

This job role secures access to data that can answer the following business questions:

- *What are the assets by item, location, and associated work orders?*
- *What are the actual vs. planned resource usage quantities per product and work order?*
- *What are the work orders created from forecasts of a specific maintenance program with start dates within a specific period?*
- *What are the requisition quantity and requisition amount?*
- *What are the estimated and actual costs for work orders?*
- *What is the material usage variance?*
- *What is the resource usage variance?*
- *What are the purchase order quantity, purchase order amount, return to supplier quantity, correct receipt quantity, and correct return quantity?*
- *What are the meter readings per work order and in a time period for specified work orders?*
- *What are the meter readings for assets associated to a contract?*
- *What materials and resources were transacted today?*
- *What are the maintenance programs that were last forecasted in a specific period?*
- *What is the count of work orders created from forecasts of a specific maintenance program with start dates within a specific period?*

- *What are the line item costs per work order per product?*
- *What are the transportation costs for work orders?*
- *What are the meter readings for a particular asset or assets during a specified period of time?*
- *What are the actual vs. planned material usage quantities per product and per work order?*
- *What is the quantity of material usage issued?*
- *What maintenance work orders were completed today?*
- *What is the average cycle time for work orders?*
- *What are the daily resource requirements?*
- *What are the planned vs. actual work hours charged per work order?*
- *What are the maintenance work order costs (for example, maintenance cost per mile or maintenance cost per production unit) associated to meter readings?*
- *What are the maintenance work orders scheduled today?*
- *What is the quantity of returned material?*
- *What is the issued quantity of resource usage?*
- *What materials are required to execute maintenance work orders scheduled today?*
- *What is the quantity of resource returned?*
- *How many work orders have been open for one, three, seven and seven plus days?*
- *What is the total number of work orders past due, unreleased, and on hold?*
- *What are the forecasts that must be started during a specific period for a specific work center and based on a specific work definition?*

## Maintenance Technician

### Code Name

ORA\_MNT\_MAINTENANCE\_TECHNICIAN\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Maintenance Execution Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *Costing - Work Order Costs Real Time*

- *Installed Base - Meter Based Asset Usage Real Time*
- *Maintenance Management - Asset Real Time*
- *Maintenance Management - Forecast Real Time*
- *Maintenance Management - Material Usage Real Time*
- *Maintenance Management - Purchased Item Usage Real Time*
- *Maintenance Management - Resource Usage Real Time*
- *Maintenance Management - Work Order Performance Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *What are the assets by item, location, and associated work orders?*
- *What are the actual vs. planned resource usage quantities per product and work order?*
- *What are the work orders created from forecasts of a specific maintenance program with start dates within a specific period?*
- *What are the requisition quantity and requisition amount?*
- *What are the estimated and actual costs for work orders?*
- *What is the material usage variance?*
- *What is the resource usage variance?*
- *What are the purchase order quantity, purchase order amount, return to supplier quantity, correct receipt quantity, and correct return quantity?*
- *What are the meter readings per work order and in a time period for specified work orders?*
- *What are the meter readings for assets associated to a contract?*
- *What materials and resources were transacted today?*
- *What are the maintenance programs that were last forecasted in a specific period?*
- *What is the count of work orders created from forecasts of a specific maintenance program with start dates within a specific period?*
- *What are the line item costs per work order per product?*
- *What are the transportation costs for work orders?*
- *What are the meter readings for a particular asset or assets during a specified period of time?*
- *What are the actual vs. planned material usage quantities per product and per work order?*
- *What is the quantity of material usage issued?*
- *What maintenance work orders were completed today?*
- *What is the average cycle time for work orders?*
- *What are the daily resource requirements?*
- *What are the planned vs. actual work hours charged per work order?*
- *What are the maintenance work order costs (for example, maintenance cost per mile or maintenance cost per production unit) associated to meter readings?*
- *What are the maintenance work orders scheduled today?*

- *What is the quantity of returned material?*
- *What is the issued quantity of resource usage?*
- *What materials are required to execute maintenance work orders scheduled today?*
- *What is the quantity of resource returned?*
- *How many work orders have been open for one, three, seven and seven plus days?*
- *What is the total number of work orders past due, unreleased, and on hold?*
- *What are the forecasts that must be started during a specific period for a specific work center and based on a specific work definition?*

## Materials Planner

### Code Name

ORA\_MSC\_MATERIALS\_PLANNER\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Supply Chain Planning Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *Supply Chain Planning Real Time*

### Business Questions

This job role secures access to data that can answer the following business questions:

- *Which item locations have safety stock violations?*
- *Which item locations have fill rate violations?*
- *How do I identify the key exception areas in my supply chain plan?*
- *How much of the supply quantity of the components is allocated for meeting the end demands?*
- *What are the key recommendations that a planner needs to implement?*
- *Which supply orders are needed for meeting a specific set of end demands?*
- *What are the final consumption forecast and history?*
- *Which item locations have stockouts?*

- *What items and quantities are needed for meeting a specific end demand?*

## Order Administrator

### Code Name

ORA\_DOO\_ORDER\_ADMINISTRATOR\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Orchestration Process Transaction Analysis Duty*
- *Order Holds Transaction Analysis Duty*
- *Order Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *Order Management - Order Headers Real Time*
- *Order Management - Order Holds Real Time*
- *Order Management - Order Lines Real Time*
- *Order Management - Price Adjustments Real Time*
- *Order Management - Process Instances Real Time*

### Business Questions

This job role secures access to data that can answer the following business questions:

- *What is the value of on-time orchestration orders for a selected status?*
- *How much time is required to resolve an on-hold order?*
- *When did I fulfill my orders?*
- *How many orders are on hold by category, item, or customer?*
- *How long does it take to process and fulfill an order?*
- *When are my orders scheduled to ship?*
- *What is the current status for each order line?*
- *What are the price adjustment charge amounts?*

- *What are the actual vs. planned completion processing times of orders?*
- *What are the price adjustment discount amounts?*
- *What is the number of orchestration orders for a selected time period?*
- *What are the price adjustment cost amounts?*
- *How long does it take to complete a task?*
- *How many tasks are active?*
- *Which orders are in jeopardy? What are the jeopardy reasons?*
- *What is the actual shipped date?*

## Order Manager

### Code Name

ORA\_DOO\_ORDER\_MANAGER\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Orchestration Process Transaction Analysis Duty*
- *Order Holds Transaction Analysis Duty*
- *Order Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *Order Management - Order Headers Real Time*
- *Order Management - Order Holds Real Time*
- *Order Management - Order Lines Real Time*
- *Order Management - Price Adjustments Real Time*
- *Order Management - Process Instances Real Time*

### Business Questions

This job role secures access to data that can answer the following business questions:

- *What is the value of on-time orchestration orders for a selected status?*



- *How much time is required to resolve an on-hold order?*
- *When did I fulfill my orders?*
- *How many orders are on hold by category, item, or customer?*
- *How long does it take to process and fulfill an order?*
- *When are my orders scheduled to ship?*
- *What is the current status for each order line?*
- *What are the price adjustment charge amounts?*
- *What are the actual vs. planned completion processing times of orders?*
- *What are the price adjustment discount amounts?*
- *What is the number of orchestration orders for a selected time period?*
- *What are the price adjustment cost amounts?*
- *How long does it take to complete a task?*
- *How many tasks are active?*
- *Which orders are in jeopardy? What are the jeopardy reasons?*
- *What is the actual shipped date?*

## Product Data Steward

### Code Name

ORA\_EGI\_PRODUCT\_DATA\_STEWARD\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Product Catalog Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *Product Management - Change Order Approvals Real Time*
- *Product Management - Change Order Line Real Time*
- *Product Management - Change Order Real Time*
- *Product Management - Components Real Time*
- *Product Management - Cross Reference Item Real Time*

- *Product Management - Item Catalog Category Hierarchy Real Time*
- *Product Management - Item Revisions Real Time*
- *Product Management - Item Supplier Uploads Real Time*
- *Product Management - New Item Request Approvals Real Time*
- *Product Management - New Item Request Line Real Time*
- *Product Management - New Item Request Real Time*
- *Product Management - Organization Hierarchy Real Time*
- *Product Management - Related Item Real Time*
- *Product Management - Source System Item Real Time*
- *Product Management - Structures Real Time*
- *Product Management - Structures and Components Real Time*
- *Product Management - Trading Partner Item Real Time*
- *Product Management - Where Used Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *How many new item requests have been rejected for an item?*
- *Which are the organization hierarchies that contain a particular organization?*
- *Which are the organization hierarchies that contain an item's organization at any level in the organization hierarchy?*
- *What is the cycle time of each status of a change order?*
- *What is the cycle time by approvers of change orders?*
- *Which new item requests took the longest?*
- *Which new item requests are in the approval status for a long time?*
- *What is the current count of change orders by approval status?*
- *What is the average cycle time by new item request priority?*
- *What are the different structures by structure type for a given item?*
- *What components make up an item?*
- *Which change orders took the longest?*
- *What is the cycle time by approvers of new item requests?*
- *What are the change orders pending approval?*
- *What are the approved items for an organization?*
- *What is the average correction time per supplier?*
- *What is the count of products per supplier across a specific time interval, such as a week, month, quarter, year, and period?*
- *What is the count of new item request lines by request line status?*
- *What is the effectivity for a given item structure?*

- *What is the count of cross-referenced items by cross-reference type?*
- *What are the counts and percentages of products per supplier in various states, such as created, rejected, requiring corrections, and imported?*
- *What is the average time between supplier product submission and corresponding master item creation?*
- *To which categories and hierarchies are items assigned to?*
- *What are the categories in a catalog?*
- *What is the cycle time of approvals for change orders?*
- *What is the cycle time of approvals for new item requests?*
- *What is the cycle time of each status of a new item request?*
- *What are the counts of change order lines by item, category, and catalog?*
- *What is the number of products by category, by upload, and without attachments per supplier?*
- *What are the different related items by trading partner type for a given item?*
- *Which change orders are in the approval status for a long time?*
- *What is the average age of change orders by change order type?*
- *What are the related items by related item type for a given item?*
- *What is the count of change order lines by change order status?*
- *What is the count of records with cross-referenced item numbers for a given category?*
- *What is the count of rejected items by item type and item class?*
- *What is the count of new item request lines requested this month?*
- *What are the new item requests pending approval?*
- *What are the corresponding source system items by source system type for a given item?*
- *What assemblies may be impacted if changes are made to an item?*
- *Which are the organization hierarchies that contain an item structure organization at any level in the organization hierarchy?*
- *What are the workflow transition details of a change order? Who are the approvers, and what were their comments?*

## Product Design Engineer

### Code Name

ORA\_ACD\_PRODUCT\_DESIGN\_ENGINEER\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Product Designer Transaction Analysis Duty*

- *Quality Issues and Actions Transaction Analysis Duty*

## Subject Areas

This job role secures access to the following subject areas:

- *Enterprise Quality Actions Real Time*
- *Enterprise Quality Issues Real Time*
- *Innovation Management - Concepts Real Time*
- *Innovation Management - Ideas Real Time*
- *Innovation Management - Product Proposals Cash Flow Real Time*
- *Innovation Management - Product Proposals Real Time*
- *Innovation Management - Requirements Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *What is the average cycle time for quality issues that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?*
- *What is the count of ideas related to a concept?*
- *When was an idea last updated or voted on?*
- *What is the investment return of a particular product portfolio?*
- *What is the average age of requirements?*
- *What is the total count of requirements?*
- *What is the average cycle time for quality actions that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?*
- *What are the counts of quality issues that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?*
- *What are the counts of concepts by draft, approved, and converted statuses?*
- *What are the counts for related ideas, concepts, or proposals?*
- *What is the overall average cycle time for quality actions?*
- *What is the count of concepts aging more than 90 days?*
- *What is the time required to launch a specific product portfolio?*
- *What is the count of affected items that were impacted by quality actions?*
- *What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality issues?*
- *How long have ideas been aging?*
- *Which customers or users have posted ideas?*
- *What is the total of projected direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?*

- *What is the count of concepts related to requirement specifications?*
- *What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality actions?*
- *What state are ideas in?*
- *Which product portfolio is at risk?*
- *What is the count of requirement dependencies and impacts at the requirement specifications state?*
- *What are the counts of quality actions that are in draft, open, in-progress, and completed states?*
- *What are the counts of quality actions that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?*
- *What is the overall average cycle time for quality issues?*
- *How many ideas are in each state?*
- *What is the product and market attractiveness strategic fit? Is it aligned to the market?*
- *What is the total of direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?*
- *What are the counts of requirements in draft, pending, and approved statuses?*
- *What are the counts of requirements specifications within 30, 60, 90, and 90 plus timeframes?*
- *What is the count of proposals related to requirement specifications?*
- *What are the counts of quality issues that are in draft, open, in-progress, and completed states?*
- *What is the count of affected items that were impacted by the quality issues?*
- *What are the requirements related to a given concept?*
- *What are the projected vs. actual revenue, cost, and margins for each product proposal?*
- *What are the projected and actual development and production costs?*

## Product Design Manager

### Code Name

ORA\_ACD\_PRODUCT\_DESIGN\_MANAGER\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Product Designer Transaction Analysis Duty*
- *Quality Issues and Actions Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *Enterprise Quality Actions Real Time*
- *Enterprise Quality Issues Real Time*
- *Innovation Management - Concepts Real Time*
- *Innovation Management - Ideas Real Time*
- *Innovation Management - Product Proposals Cash Flow Real Time*
- *Innovation Management - Product Proposals Real Time*
- *Innovation Management - Requirements Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *What is the average cycle time for quality issues that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?*
- *What is the count of ideas related to a concept?*
- *When was an idea last updated or voted on?*
- *What is the investment return of a particular product portfolio?*
- *What is the average age of requirements?*
- *What is the total count of requirements?*
- *What is the average cycle time for quality actions that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?*
- *What are the counts of quality issues that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?*
- *What are the counts of concepts by draft, approved, and converted statuses?*
- *What are the counts for related ideas, concepts, or proposals?*
- *What is the overall average cycle time for quality actions?*
- *What is the count of concepts aging more than 90 days?*
- *What is the time required to launch a specific product portfolio?*
- *What is the count of affected items that were impacted by quality actions?*
- *What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality issues?*
- *How long have ideas been aging?*
- *Which customers or users have posted ideas?*
- *What is the total of projected direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?*
- *What is the count of concepts related to requirement specifications?*
- *What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality actions?*
- *What state are ideas in?*

- *Which product portfolio is at risk?*
- *What is the count of requirement dependencies and impacts at the requirement specifications state?*
- *What are the counts of quality actions that are in draft, open, in-progress, and completed states?*
- *What are the counts of quality actions that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?*
- *What is the overall average cycle time for quality issues?*
- *How many ideas are in each state?*
- *What is the product and market attractiveness strategic fit? Is it aligned to the market?*
- *What is the total of direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?*
- *What are the counts of requirements in draft, pending, and approved statuses?*
- *What are the counts of requirements specifications within 30, 60, 90, and 90 plus timeframes?*
- *What is the count of proposals related to requirement specifications?*
- *What are the counts of quality issues that are in draft, open, in-progress, and completed states?*
- *What is the count of affected items that were impacted by the quality issues?*
- *What are the requirements related to a given concept?*
- *What are the projected vs. actual revenue, cost, and margins for each product proposal?*
- *What are the projected and actual development and production costs?*

## Product Management VP

### Code Name

ORA\_ACE\_PRODUCT\_MANAGEMENT\_VP\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Product Management VP Real Time Transaction Analysis Duty Role*

### Subject Areas

This job role secures access to the following subject areas:

- *Innovation Management - Portfolio Cost Real Time*
- *Innovation Management - Portfolio Lifecycle Real Time*
- *Innovation Management - Portfolio Resource Real Time*
- *Innovation Management - Portfolio Revenue Real Time*

- *Innovation Management - Portfolios Real Time*
- *Innovation Management - Product Portfolio Real Time*
- *Innovation Management - Scenario Lifecycle Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *What are the actual, target, and projected resources, costs, and revenues?*
- *What are the projected and actual costs by portfolio and lifecycle phase?*
- *What are the three worst overallocated resource pools?*
- *What is the investment revenue of a particular portfolio.*
- *What is the resource pool status over time?*
- *What are the projected and actual revenues by revenue category?*
- *What is the strategic fit of each product in the portfolio based on qualities such as alignment and impact?*
- *How do various products in the scenario compare based on a market vs. strategic fit?*
- *What is the breakdown of portfolios by business unit and by product line across a specified time?*
- *What are the projected and actual production labor costs by cost category?*
- *What are the actual and projected development, labor, material, and fixed costs?*
- *What are the portfolio, proposal, and scenario details?*
- *What are the product assessment scores relative to the market alignment, impact, competitive advantage, and supply chain fit?*
- *What is the deviation in absolute numbers and in percentage?*
- *What are the investment return, payback period, and probability of success over a period of time?*
- *What are the total revenue, total cost, and total margin of the scenario?*

## Product Manager

### Code Name

ORA\_EGP\_PRODUCT\_MANAGER\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Product Catalog Transaction Analysis Duty*
- *Product Designer Transaction Analysis Duty*



- *Product Proposal Manager Real Time Transaction Analysis Duty Role*
- *Quality Issues and Actions Transaction Analysis Duty*

## Subject Areas

This job role secures access to the following subject areas:

- *Enterprise Quality Actions Real Time*
- *Enterprise Quality Issues Real Time*
- *Innovation Management - Concepts Real Time*
- *Innovation Management - Ideas Real Time*
- *Innovation Management - Portfolio Cost Real Time*
- *Innovation Management - Portfolio Resource Real Time*
- *Innovation Management - Portfolio Revenue Real Time*
- *Innovation Management - Product Portfolio Real Time*
- *Innovation Management - Product Proposals Cash Flow Real Time*
- *Innovation Management - Product Proposals Real Time*
- *Innovation Management - Requirements Real Time*
- *Product Management - Change Order Approvals Real Time*
- *Product Management - Change Order Line Real Time*
- *Product Management - Change Order Real Time*
- *Product Management - Components Real Time*
- *Product Management - Cross Reference Item Real Time*
- *Product Management - Item Catalog Category Hierarchy Real Time*
- *Product Management - Item Revisions Real Time*
- *Product Management - Item Supplier Uploads Real Time*
- *Product Management - New Item Request Approvals Real Time*
- *Product Management - New Item Request Line Real Time*
- *Product Management - New Item Request Real Time*
- *Product Management - Organization Hierarchy Real Time*
- *Product Management - Related Item Real Time*
- *Product Management - Source System Item Real Time*
- *Product Management - Structures Real Time*
- *Product Management - Structures and Components Real Time*
- *Product Management - Trading Partner Item Real Time*
- *Product Management - Where Used Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *How many new item requests have been rejected for an item?*
- *What is the average cycle time for quality issues that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?*
- *Which are the organization hierarchies that contain a particular organization?*
- *Which are the organization hierarchies that contain an item's organization at any level in the organization hierarchy?*
- *What is the cycle time of each status of a change order?*
- *What is the cycle time by approvers of change orders?*
- *Which new item requests took the longest?*
- *Which new item requests are in the approval status for a long time?*
- *What is the current count of change orders by approval status?*
- *What is the count of ideas related to a concept?*
- *When was an idea last updated or voted on?*
- *What are the actual, target, and projected resources, costs, and revenues?*
- *What is the investment return of a particular product portfolio?*
- *What is the average age of requirements?*
- *What is the total count of requirements?*
- *What is the average cycle time by new item request priority?*
- *What are the different structures by structure type for a given item?*
- *What is the average cycle time for quality actions that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?*
- *What are the counts of quality issues that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?*
- *What components make up an item?*
- *Which change orders took the longest?*
- *What is the cycle time by approvers of new item requests?*
- *What are the change orders pending approval?*
- *What are the approved items for an organization?*
- *What is the average correction time per supplier?*
- *What are the counts of concepts by draft, approved, and converted statuses?*
- *What are the counts for related ideas, concepts, or proposals?*
- *What are the three worst overallocated resource pools?*
- *What is the investment revenue of a particular portfolio.*
- *What is the count of products per supplier across a specific time interval, such as a week, month, quarter, year, and period?*
- *What is the count of new item request lines by request line status?*
- *What is the effectivity for a given item structure?*
- *What is the overall average cycle time for quality actions?*
- *What is the count of cross-referenced items by cross-reference type?*

- *What are the counts and percentages of products per supplier in various states, such as created, rejected, requiring corrections, and imported?*
- *What is the average time between supplier product submission and corresponding master item creation?*
- *What is the count of concepts aging more than 90 days?*
- *What is the time required to launch a specific product portfolio?*
- *To which categories and hierarchies are items assigned to?*
- *What are the categories in a catalog?*
- *What is the count of affected items that were impacted by quality actions?*
- *What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality issues?*
- *What is the cycle time of approvals for change orders?*
- *What is the cycle time of approvals for new item requests?*
- *What is the cycle time of each status of a new item request?*
- *What are the counts of change order lines by item, category, and catalog?*
- *What is the number of products by category, by upload, and without attachments per supplier?*
- *What are the different related items by trading partner type for a given item?*
- *Which change orders are in the approval status for a long time?*
- *What is the average age of change orders by change order type?*
- *How long have ideas been aging?*
- *Which customers or users have posted ideas?*
- *What is the resource pool status over time?*
- *What are the projected and actual revenues by revenue category?*
- *What is the total of projected direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?*
- *What is the count of concepts related to requirement specifications?*
- *What are the related items by related item type for a given item?*
- *What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality actions?*
- *What is the count of change order lines by change order status?*
- *What is the count of records with cross-referenced item numbers for a given category?*
- *What is the count of rejected items by item type and item class?*
- *What state are ideas in?*
- *What is the breakdown of portfolios by business unit and by product line across a specified time?*
- *Which product portfolio is at risk?*
- *What is the count of requirement dependencies and impacts at the requirement specifications state?*
- *What is the count of new item request lines requested this month?*
- *What are the new item requests pending approval?*
- *What are the corresponding source system items by source system type for a given item?*
- *What are the counts of quality actions that are in draft, open, in-progress, and completed states?*

- *What are the counts of quality actions that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?*
- *What is the overall average cycle time for quality issues?*
- *What assemblies may be impacted if changes are made to an item?*
- *Which are the organization hierarchies that contain an item structure organization at any level in the organization hierarchy?*
- *How many ideas are in each state?*
- *What are the projected and actual production labor costs by cost category?*
- *What are the actual and projected development, labor, material, and fixed costs?*
- *What are the portfolio, proposal, and scenario details?*
- *What are the product assessment scores relative to the market alignment, impact, competitive advantage, and supply chain fit?*
- *What is the product and market attractiveness strategic fit? Is it aligned to the market?*
- *What is the total of direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?*
- *What are the counts of requirements in draft, pending, and approved statuses?*
- *What are the counts of requirements specifications within 30, 60, 90, and 90 plus timeframes?*
- *What is the count of proposals related to requirement specifications?*
- *What are the counts of quality issues that are in draft, open, in-progress, and completed states?*
- *What is the count of affected items that were impacted by the quality issues?*
- *What are the workflow transition details of a change order? Who are the approvers, and what were their comments?*
- *What are the requirements related to a given concept?*
- *What are the investment return, payback period, and probability of success over a period of time?*
- *What are the projected vs. actual revenue, cost, and margins for each product proposal?*
- *What are the projected and actual development and production costs?*

## Product Portfolio Manager

### Code Name

ORA\_ACE\_PRODUCT\_PORTFOLIO\_MANAGER\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Product Designer Transaction Analysis Duty*
- *Product Portfolio Manager Real Time Transaction Analysis Duty Role*

## Subject Areas

This job role secures access to the following subject areas:

- *Innovation Management - Concepts Real Time*
- *Innovation Management - Ideas Real Time*
- *Innovation Management - Portfolio Cost Real Time*
- *Innovation Management - Portfolio Resource Real Time*
- *Innovation Management - Portfolio Revenue Real Time*
- *Innovation Management - Portfolios Real Time*
- *Innovation Management - Product Portfolio Real Time*
- *Innovation Management - Product Proposals Cash Flow Real Time*
- *Innovation Management - Product Proposals Real Time*
- *Innovation Management - Requirements Real Time*
- *Innovation Management - Scenario Lifecycle Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *What is the count of ideas related to a concept?*
- *When was an idea last updated or voted on?*
- *What are the actual, target, and projected resources, costs, and revenues?*
- *What is the investment return of a particular product portfolio?*
- *What is the average age of requirements?*
- *What is the total count of requirements?*
- *What are the counts of concepts by draft, approved, and converted statuses?*
- *What are the counts for related ideas, concepts, or proposals?*
- *What are the three worst overallocated resource pools?*
- *What is the investment revenue of a particular portfolio.*
- *What is the count of concepts aging more than 90 days?*
- *What is the time required to launch a specific product portfolio?*
- *How long have ideas been aging?*
- *Which customers or users have posted ideas?*
- *What is the resource pool status over time?*
- *What are the projected and actual revenues by revenue category?*
- *What is the strategic fit of each product in the portfolio based on qualities such as alignment and impact?*
- *What is the total of projected direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?*
- *What is the count of concepts related to requirement specifications?*

- *How do various products in the scenario compare based on a market vs. strategic fit?*
- *What state are ideas in?*
- *What is the breakdown of portfolios by business unit and by product line across a specified time?*
- *Which product portfolio is at risk?*
- *What is the count of requirement dependencies and impacts at the requirement specifications state?*
- *How many ideas are in each state?*
- *What are the projected and actual production labor costs by cost category?*
- *What are the actual and projected development, labor, material, and fixed costs?*
- *What are the portfolio, proposal, and scenario details?*
- *What are the product assessment scores relative to the market alignment, impact, competitive advantage, and supply chain fit?*
- *What is the product and market attractiveness strategic fit? Is it aligned to the market?*
- *What is the total of direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?*
- *What are the counts of requirements in draft, pending, and approved statuses?*
- *What are the counts of requirements specifications within 30, 60, 90, and 90 plus timeframes?*
- *What is the count of proposals related to requirement specifications?*
- *What is the deviation in absolute numbers and in percentage?*
- *What are the requirements related to a given concept?*
- *What are the investment return, payback period, and probability of success over a period of time?*
- *What are the projected vs. actual revenue, cost, and margins for each product proposal?*
- *What are the projected and actual development and production costs?*
- *What are the total revenue, total cost, and total margin of the scenario?*

## Product Recall Manager

### Code Name

ORA\_ENQ\_PRODUCT\_RECALL\_MANAGER\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Product Recall Management Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *Product Recall Management Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *Which are the departments or locations with recalled parts for which action must be taken?*
- *What are the inbound transactions that are on recall?*
- *What is the average lead time of recall tasks in each department, location, or warehouse?*
- *What measures are taken to address the inbound transactions that were on recall?*
- *Who are the manufacturers from whom product recalls originate very often?*
- *How many pending recall tasks does a warehouse operator or counter of a periodic automatic replenishment (PAR) subinventory have at a point in time?*
- *Is there any discrepancy between the estimated recall quantity and current on-hand quantity in any perpetual location for an item or lot before the recall count is performed?*
- *How do the recalled parts get disposed of? Are they disposed of according to the replacement types indicated in the recall notices?*
- *What are the item categories that frequently get product recalls?*
- *Which are the business units to which a recall notice is assigned?*
- *Which are the departments or locations holding the recalled parts?*
- *Which are the recall notices that take long to get resolved?*
- *What is the price at which a debit memo must be raised for recalled parts that were disposed of?*

## Production Supervisor

### Code Name

ORA\_WIE\_PRODUCTION\_SUPERVISOR\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Manufacturing Execution Analysis Duty*
- *Product Genealogy Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *Manufacturing - Actual Production Real Time*
- *Manufacturing - Material Usage Real Time*
- *Manufacturing - Production Exceptions Real Time*
- *Manufacturing - Purchased Item Usage Real Time*
- *Manufacturing - Resource Usage Real Time*
- *Manufacturing - Work Order Performance Real Time*
- *Product Genealogy - Genealogy Instance Real Time*
- *Product Genealogy - Genealogy Object Composition Real Time*
- *Product Genealogy - Genealogy Object Where Used Real Time*
- *Product Genealogy - Genealogy Structure Real Time*
- *Product Genealogy - Genealogy Transaction Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *What is the real-time information on all genealogy objects where a specified component is used.*
- *What are the genealogy party and genealogy location references?*
- *For a given component, what is the parent object, where is the component used, and what are the related levels of the component?*
- *How many quantities are open?*
- *What is the material usage required quantity vs. actual quantity used?*
- *What is the usage quantity variance?*
- *What is the purchased item quantity corrected for receipt transactions?*
- *What is the purchased item quantity corrected for return to supplier transactions?*
- *What is the real-time component structure of a genealogy object?*
- *What are the child components and related levels for a parent object?*
- *What are the product genealogy transaction details for a parent object?*
- *What is the transaction quantity during actual production?*
- *What percentage of work orders were scrapped and rejected?*
- *What is the purchased item quantity that was ordered?*
- *What are the current location details for a genealogy instance?*
- *What are the material issued, returned, and negative quantities?*
- *How many production exceptions are open?*
- *What are the planned resource vs. actual usage?*
- *What is the total number of work orders on hold or unreleased?*
- *What is the purchased item quantity that was requested for a work order?*



- *What are the customer account information details for a genealogy instance?*
- *What is the genealogy instance quantity?*
- *What are the current location details?*
- *What are the product genealogy transaction details?*
- *What is the total number of rework and transform work orders?*
- *What is the purchased item quantity that was received?*
- *What are the product genealogy instance details?*
- *What is the aging time for work orders?*
- *What is the quantity of work orders in various statuses?*
- *What is the purchased item quantity that was returned back to receiving?*
- *What is the primary quantity during actual production?*
- *What is the time spent for an operation that is running, idle, or queued?*
- *What is the purchased item quantity that was returned back to the supplier?*

## Quality Analyst

### Code Name

ORA\_ENQ\_QUALITY\_ANALYST\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Quality Issues and Actions Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *Enterprise Quality Actions Real Time*
- *Enterprise Quality Issues Real Time*

### Business Questions

This job role secures access to data that can answer the following business questions:

- *What is the average cycle time for quality issues that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?*

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- *What is the average cycle time for quality actions that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?*
  - *What are the counts of quality issues that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?*
  - *What is the overall average cycle time for quality actions?*
  - *What is the count of affected items that were impacted by quality actions?*
  - *What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality issues?*
  - *What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality actions?*
  - *What are the counts of quality actions that are in draft, open, in-progress, and completed states?*
  - *What are the counts of quality actions that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?*
  - *What is the overall average cycle time for quality issues?*
  - *What are the counts of quality issues that are in draft, open, in-progress, and completed states?*
  - *What is the count of affected items that were impacted by the quality issues?*

## Quality Engineer

### Code Name

ORA\_ENQ\_QUALITY\_ENGINEER\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Quality Issues and Actions Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *Enterprise Quality Actions Real Time*
- *Enterprise Quality Issues Real Time*

### Business Questions

This job role secures access to data that can answer the following business questions:

- *What is the average cycle time for quality issues that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?*

- *What is the average cycle time for quality actions that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?*
- *What are the counts of quality issues that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?*
- *What is the overall average cycle time for quality actions?*
- *What is the count of affected items that were impacted by quality actions?*
- *What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality issues?*
- *What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality actions?*
- *What are the counts of quality actions that are in draft, open, in-progress, and completed states?*
- *What are the counts of quality actions that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?*
- *What is the overall average cycle time for quality issues?*
- *What are the counts of quality issues that are in draft, open, in-progress, and completed states?*
- *What is the count of affected items that were impacted by the quality issues?*

## Receiving Specialist

### Code Name

ORA\_CMF\_RECEIVING\_SPECIALIST\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Fiscal Document Capture Item Deliveries Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *Costing - Fiscal Document Item Deliveries Real Time*

### Business Questions

This job role secures access to data that can answer the following business questions:

- *What is the count of items pending delivery?*

# Replenishment Planner

## Code Name

ORA\_MSC\_REPLENISHMENT\_PLANNER\_JOB

## Duty Roles

This job role is related to the following duty roles:

- *Supply Chain Planning Transaction Analysis Duty*

## Subject Areas

This job role secures access to the following subject areas:

- *Supply Chain Planning Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *Which item locations have safety stock violations?*
- *Which item locations have fill rate violations?*
- *How do I identify the key exception areas in my supply chain plan?*
- *How much of the supply quantity of the components is allocated for meeting the end demands?*
- *What are the key recommendations that a planner needs to implement?*
- *Which supply orders are needed for meeting a specific set of end demands?*
- *What are the final consumption forecast and history?*
- *Which item locations have stockouts?*
- *What items and quantities are needed for meeting a specific end demand?*

# Sales and Operations Planner

## Code Name

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ORA\_MSC\_SALES\_AND\_OPERATIONS\_PLANNER\_JOB

## Duty Roles

This job role is related to the following duty roles:

- *Supply Chain Planning Transaction Analysis Duty*

## Subject Areas

This job role secures access to the following subject areas:

- *Supply Chain Planning Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *Which item locations have safety stock violations?*
- *Which item locations have fill rate violations?*
- *How do I identify the key exception areas in my supply chain plan?*
- *How much of the supply quantity of the components is allocated for meeting the end demands?*
- *What are the key recommendations that a planner needs to implement?*
- *Which supply orders are needed for meeting a specific set of end demands?*
- *What are the final consumption forecast and history?*
- *Which item locations have stockouts?*
- *What items and quantities are needed for meeting a specific end demand?*

## Shipping Manager

### Code Name

ORA\_WSH\_SHIPPING\_MANAGER\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Order Pick Transaction Analysis Duty*

## Subject Areas

This job role secures access to the following subject areas:

- *Shipping Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *What shipments are closed for a sold-to customer?*
- *Which shipments are late to the inventory organization?*
- *What shipments of an item are due today or tomorrow?*

# Supply Chain Collaboration Planner

## Code Name

ORA\_VCS\_SUPPLY\_CHAIN\_COLLABORATION\_PLANNER\_JOB

## Duty Roles

This job role is related to the following duty roles:

- *Supply Chain Collaboration Transaction Analysis Duty*

## Subject Areas

This job role secures access to the following subject areas:

- *Supply Chain Collaboration - Supply Planning Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *What are the individual commit records?*
- *What is the historical weekly or monthly aggregation of commit-to-forecast data for a given supply chain collaboration relationship in a waterfall table view using a pivot table?*
- *What are the individual forecast versions?*

- *What are the individual commit differences across versions?*
- *What are the incremental monthly commits, monthly forecasts, and monthly commits to forecast over time?*
- *What are the forecast and commit quantities aggregated across suppliers, supplier sites, ship-to locations, and items?*
- *What are the individual forecast commits?*

## Supply Chain Controller

### Code Name

ORA\_FOS\_SUPPLY\_CHAIN\_CONTROLLER\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Supply Chain Financials Orchestration Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *Supply Chain Financial Orchestration Real Time*

### Business Questions

This job role secures access to data that can answer the following business questions:

- *What are the tasks generated and the details of transfer price for a financial flow?*
- *What are the financial flow details that were generated for a physical supply chain execution event?*
- *What are the cost accounting distributions for the trade transactions that are part of a financial flow?*
- *What are the tax details for the intercompany receivables and intercompany payables that were generated as part of the financial orchestration?*

## Supply Chain Operations Manager

### Code Name

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ORA\_DOS\_SUPPLY\_CHAIN\_OPERATIONS\_MANAGER\_JOB

## Duty Roles

This job role is related to the following duty roles:

- *Supply Chain Orchestration Transaction Analysis Duty*

## Subject Areas

This job role secures access to the following subject areas:

- *Supply Chain Orchestration - Supply Order Real Time*
- *Supply Chain Orchestration - Supply Request Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *Which sales orders have multiple supply orders?*
- *Which are the open purchase requisitions, reservations, and work orders where sales orders are shipped or closed?*
- *Which are the open supply orders and transfer orders where sales orders are shipped or closed?*
- *What are the sales orders with no supply documents by supply type?*
- *What is the number of days since a supply request was created?*

# Supply Chain Planner

## Code Name

ORA\_MSC\_SUPPLY\_CHAIN\_PLANNER\_JOB

## Duty Roles

This job role is related to the following duty roles:

- *Supply Chain Planning Transaction Analysis Duty*

## Subject Areas



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This job role secures access to the following subject areas:

- *Supply Chain Planning Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *Which item locations have safety stock violations?*
- *Which item locations have fill rate violations?*
- *How do I identify the key exception areas in my supply chain plan?*
- *How much of the supply quantity of the components is allocated for meeting the end demands?*
- *What are the key recommendations that a planner needs to implement?*
- *Which supply orders are needed for meeting a specific set of end demands?*
- *What are the final consumption forecast and history?*
- *Which item locations have stockouts?*
- *What items and quantities are needed for meeting a specific end demand?*

## Warehouse Manager

### Code Name

ORA\_INV\_WAREHOUSE\_MANAGER\_JOB

### Duty Roles

This job role is related to the following duty roles:

- *Inventory Transaction Analysis Duty*
- *Order Pick Transaction Analysis Duty*
- *Receiving Transaction Analysis Duty*

### Subject Areas

This job role secures access to the following subject areas:

- *Inventory - Inventory ABC Real Time*
- *Inventory - Inventory Balance Real Time*

- *Inventory - Inventory Cycle Count Real Time*
- *Inventory - Inventory Supply Real Time*
- *Inventory - Inventory Transactions Real Time*
- *Inventory - Inventory Transfer Order Real Time*
- *Inventory Organization Real Time*
- *Receiving - In-Transit Advanced Shipment Notifications Real Time*
- *Receiving - In-Transit Interorganization Inventory Transfers Real Time*
- *Receiving - In-Transit Shipments Real Time*
- *Receiving - Interorganization Receipts Real Time*
- *Receiving - Purchase Receipts Real Time*
- *Receiving - Receipts Real Time*
- *Receiving - Transactions Real Time*
- *Receiving - Unordered Receipts Real Time*
- *Shipping Real Time*

## Business Questions

This job role secures access to data that can answer the following business questions:

- *What is the total in-transit quantity for a given inventory organization as of today?*
- *What are the ABC assignment quantities and item values?*
- *What are the transactions for a given item in an inventory organization for a given day?*
- *What shipments are closed for a sold-to customer?*
- *Which shipments are late to the inventory organization?*
- *What is the inventory transaction quantity by transaction type for a given inventory organization?*
- *What are the distinct locators within a subinventory?*
- *What is the shipped quantity by carrier?*
- *What is the count of purchasing receipt lines by item and inventory organization?*
- *What percentage of the shipped quantity for an item has been received into inventory at a receiving inventory organization?*
- *What are the ABC classification cumulative values?*
- *What are the ABC classification set quantities and values?*
- *What is the supplier site for a consigned inventory?*
- *What are the current in-transit inventory quantities by item and inventory organization?*
- *What are the real-time supply quantities by supply type and destination type?*
- *What is the count of in-transit advance shipment notice lines by supplier?*
- *How do the unordered receipts compare to purchase orders?*

- 
- *What shipments of an item are due today or tomorrow?*
  - *What are the cycle counts by ABC assignment groups?*
  - *What percentage of variance is hit-and-miss?*
  - *What are the transaction quantity and actual received quantity by item and by receiving inventory organization?*
  - *What are the current on-hand quantities by item, inventory organization, and subinventory?*
  - *What are the inventory cycle counts in a specific count sequence, such as recounts, rejected, or approved?*
  - *What are the receipt amounts?*
  - *What is the interorganizational count of receipts?*
  - *What percentage of the on-hand quantity is consigned?*
  - *What are the transfer order quantities by transaction type for the source and destination locations?*
  - *What is the total shipped quantity of in-transit inventory between a source inventory organization and a destination inventory organization?*
  - *What are the receipt quantities in various states, such as accepted, rejected, delivered, returned, shipped, and actual-received?*
  - *What are all the transfer orders, with header and line information, for an item in an inventory organization?*
  - *What is the returned quantity by item and inventory organization?*
  - *What are the adjustment value tolerances?*
  - *What are the distinct subinventories within a given inventory organization?*



# 5 Duty Roles

## Overview

For each duty role in this chapter, links are provided for more detailed information about the job roles, subject areas, and business questions associated with the duty role.

## COGS and Gross Margin Transaction Analysis Duty

### Code Name

FBI\_COGS\_AND\_GROSS\_MARGIN\_TRANSACTION\_ANALYSIS\_DUTY

### Job Roles

This duty role is related to the following job roles:

- *Cost Accountant*

### Subject Areas

This duty role secures access to the following subject areas:

- *Costing - New COGS and Gross Margin Details Real Time*

### Business Questions

This duty role secures access to data that can answer the following business questions:

- *What is the breakdown of the cost of goods sold (COGS) by cost element?*
- *What is the cost of goods sold (COGS) across business units for a given item?*
- *What is the gross margin by business unit for a fiscal quarter?*

# Cost Transaction Analysis Duty

## Code Name

FBI\_COST\_TRANSACTION\_ANALYSIS\_DUTY

## Job Roles

This duty role is related to the following job roles:

- *Cost Accountant*

## Subject Areas

This duty role secures access to the following subject areas:

- *Costing - Cost Accounting Period Close Real Time*
- *Costing - Cost Accounting Real Time*
- *Costing - Cost Rollup Details Real Time*
- *Costing - Landed Costs Real Time*
- *Costing - Overhead Rates Real Time*
- *Costing - Period Intransit Inventory Valuation Real Time*
- *Costing - Period Inventory Valuation Real Time*
- *Costing - Periodic Average Cost Real Time*
- *Costing - Perpetual Average Cost Real Time*
- *Costing - Resource Rates Real Time*
- *Costing - Standard Cost Real Time*
- *Costing - Transaction Cost Real Time*
- *Costing - Where Used Details Real Time*
- *Costing - Work Order Costs Real Time*
- *Supply Chain Financial Orchestration Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *Whats are the transaction costs associated to the inventory transactions?*
- *Which cost accounting transactions are not accounted for or transferred to the general ledger for a cost accounting period?*

- *What are the estimated and actual costs for work orders?*
- *What is the inventory onhand quantity and its value at period end or current date.*
- *What are the tasks generated and the details of transfer price for a financial flow?*
- *What is the summary of validation errors for a cost accounting period that need to be reviewed prior to the cost accounting period close?*
- *What are the estimated and actual charges for materials by item detail?*
- *What is the actual cost associated with acquiring items, which includes insurance, transportation, handling, storage, container, and import or export charges?*
- *What are the standard cost details for an item and valuation unit as of a specific date?*
- *What are the financial flow details that were generated for a physical supply chain execution event?*
- *What are the cost accounting distributions for the trade transactions that are part of a financial flow?*
- *What are the line item costs per work order per product?*
- *What are the transportation costs for work orders?*
- *What is the quantity and value of the in-transit material at a period end or current date?*
- *What are the Periodic Average costs and supporting details for a cost accounting period?*
- *What are the perpetual average costs and associated transaction details?*
- *What are the tax details for the intercompany receivables and intercompany payables that were generated as part of the financial orchestration?*
- *What are the details for a costed bill of materials of a rollup assembly product?*
- *What is the cost account balance by cost accounting distribution and journal line type?*
- *What are the total indirect costs per category and unit?*
- *What are the planned vs. actual work hours charged per work order?*
- *Which assembly's cost is impacted by the change in cost of a particular component?*
- *What is the account balance amount by cost transaction type for a given cost organization and cost book?*
- *What are the resource rates per name, type, scenario, and unit?*
- *What are the transaction details for the transactions that are not processed or interfaced to costing for a cost accounting period?*

## External Product Catalog Transaction Analysis Duty

### Code Name

FBI\_EXTERNAL\_SUPPLIER\_PRODUCT\_CATALOG\_TRANSACTION\_ANALYSIS

### Job Roles

No applicable job roles

## Subject Areas

This duty role secures access to the following subject areas:

- *Product Management - Structures and Components Real Time*
- *Product Management - Where Used Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *What components make up an item?*
- *What assemblies may be impacted if changes are made to an item?*

# Fiscal Document Capture Item Deliveries Transaction Analysis Duty

## Code Name

FBI\_FDC\_ITEM\_DELIVERIES\_TRANSACTION\_ANALYSIS\_DUTY

## Job Roles

This duty role is related to the following job roles:

- *Receiving Specialist*

## Subject Areas

This duty role secures access to the following subject areas:

- *Costing - Fiscal Document Item Deliveries Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *What is the count of items pending delivery?*



## Fiscal Document Capture Transaction Analysis Duty

### Code Name

FBI\_FDC\_TRANSACTION\_ANALYSIS\_DUTY

### Job Roles

This duty role is related to the following job roles:

- *Fiscal Document Specialist*

### Subject Areas

This duty role secures access to the following subject areas:

- *Costing - Fiscal Document Capture Transactions Real Time*
- *Costing - Fiscal Document Holds Real Time*
- *Costing - Interfaced Fiscal Document Real Time*

### Business Questions

This duty role secures access to data that can answer the following business questions:

- *What are the counts of errors for fiscal document lines, legal processes, and references?*
- *What is the count of fiscal documents on hold?*
- *What are the counts of the fiscal document transactions?*
- *What is the count of fiscal documents containing errors?*
- *What are the counts of holds that are placed, released, and pending?*
- *What are the amounts on hold?*

## Installed Base Customer Asset Transaction Analysis Duty

### Code Name

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FBI\_INSTALLED\_BASE\_CUSTOMER\_ASSET\_TRANSACTION\_ANALYSIS\_DUTY

## Job Roles

This duty role is related to the following job roles:

- *Asset Administrator*

## Subject Areas

This duty role secures access to the following subject areas:

- *Costing - Work Order Costs Real Time*
- *Installed Base - Customer Asset Structure Real Time*
- *Installed Base - Meter Based Asset Usage Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *What are the estimated and actual costs for work orders?*
- *What are the meter readings per work order and in a time period for specified work orders?*
- *What are the meter readings for assets associated to a contract?*
- *What are the line item costs per work order per product?*
- *What are the transportation costs for work orders?*
- *What are the meter readings for a particular asset or assets during a specified period of time?*
- *What are the planned vs. actual work hours charged per work order?*
- *What are the maintenance work order costs (for example, maintenance cost per mile or maintenance cost per production unit) associated to meter readings?*
- *What is the asset configuration when the asset is shipped to a customer?*

# Inventory Transaction Analysis Duty

## Code Name

FBI\_INVENTORY\_TRANSACTION\_ANALYSIS\_DUTY

## Job Roles

This duty role is related to the following job roles:

- *Inventory Manager*
- *Warehouse Manager*

## Subject Areas

This duty role secures access to the following subject areas:

- *Inventory - Inventory ABC Real Time*
- *Inventory - Inventory Balance Real Time*
- *Inventory - Inventory Cycle Count Real Time*
- *Inventory - Inventory Supply Real Time*
- *Inventory - Inventory Transactions Real Time*
- *Inventory - Inventory Transfer Order Real Time*
- *Inventory Organization Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *What are the ABC assignment quantities and item values?*
- *What are the transactions for a given item in an inventory organization for a given day?*
- *What is the inventory transaction quantity by transaction type for a given inventory organization?*
- *What are the distinct locators within a subinventory?*
- *What are the ABC classification cumulative values?*
- *What are the ABC classification set quantities and values?*
- *What is the supplier site for a consigned inventory?*
- *What are the current in-transit inventory quantities by item and inventory organization?*
- *What are the real-time supply quantities by supply type and destination type?*
- *What are the cycle counts by ABC assignment groups?*
- *What percentage of variance is hit-and-miss?*
- *What are the current on-hand quantities by item, inventory organization, and subinventory?*
- *What are the inventory cycle counts in a specific count sequence, such as recounts, rejected, or approved?*
- *What percentage of the on-hand quantity is consigned?*
- *What are the transfer order quantities by transaction type for the source and destination locations?*
- *What are all the transfer orders, with header and line information, for an item in an inventory organization?*
- *What are the adjustment value tolerances?*

- 
- *What are the distinct subinventories within a given inventory organization?*

## Maintenace Execution Transaction Analysis Duty

### Code Name

FBI\_MAINTENANCE\_EXECUTION\_TRANSACTION\_ANALYSIS\_DUTY

### Job Roles

This duty role is related to the following job roles:

- *Maintenance Manager*
- *Maintenance Technician*

### Subject Areas

This duty role secures access to the following subject areas:

- *Costing - Work Order Costs Real Time*
- *Installed Base - Meter Based Asset Usage Real Time*
- *Maintenance Management - Asset Real Time*
- *Maintenance Management - Forecast Real Time*
- *Maintenance Management - Material Usage Real Time*
- *Maintenance Management - Purchased Item Usage Real Time*
- *Maintenance Management - Resource Usage Real Time*
- *Maintenance Management - Work Order Performance Real Time*

### Business Questions

This duty role secures access to data that can answer the following business questions:

- *What are the assets by item, location, and associated work orders?*
- *What are the actual vs. planned resource usage quantities per product and work order?*
- *What are the work orders created from forecasts of a specific maintenance program with start dates within a specific period?*
- *What are the requisition quantity and requisition amount?*
- *What are the estimated and actual costs for work orders?*

- *What is the material usage variance?*
- *What is the resource usage variance?*
- *What are the purchase order quantity, purchase order amount, return to supplier quantity, correct receipt quantity, and correct return quantity?*
- *What are the meter readings per work order and in a time period for specified work orders?*
- *What are the meter readings for assets associated to a contract?*
- *What materials and resources were transacted today?*
- *What are the maintenance programs that were last forecasted in a specific period?*
- *What is the count of work orders created from forecasts of a specific maintenance program with start dates within a specific period?*
- *What are the line item costs per work order per product?*
- *What are the transportation costs for work orders?*
- *What are the meter readings for a particular asset or assets during a specified period of time?*
- *What are the actual vs. planned material usage quantities per product and per work order?*
- *What is the quantity of material usage issued?*
- *What maintenance work orders were completed today?*
- *What is the average cycle time for work orders?*
- *What are the daily resource requirements?*
- *What are the planned vs. actual work hours charged per work order?*
- *What are the maintenance work order costs (for example, maintenance cost per mile or maintenance cost per production unit) associated to meter readings?*
- *What are the maintenance work orders scheduled today?*
- *What is the quantity of returned material?*
- *What is the issued quantity of resource usage?*
- *What materials are required to execute maintenance work orders scheduled today?*
- *What is the quantity of resource returned?*
- *How many work orders have been open for one, three, seven and seven plus days?*
- *What is the total number of work orders past due, unreleased, and on hold?*
- *What are the forecasts that must be started during a specific period for a specific work center and based on a specific work definition?*

## Manufacturing Execution Analysis Duty

### Code Name

FBI\_MFG\_EXECUTION\_ANALYSIS\_DUTY

## Job Roles

This duty role is related to the following job roles:

- *Production Supervisor*

## Subject Areas

This duty role secures access to the following subject areas:

- *Manufacturing - Actual Production Real Time*
- *Manufacturing - Material Usage Real Time*
- *Manufacturing - Production Exceptions Real Time*
- *Manufacturing - Purchased Item Usage Real Time*
- *Manufacturing - Resource Usage Real Time*
- *Manufacturing - Work Order Performance Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *How many quantities are open?*
- *What is the material usage required quantity vs. actual quantity used?*
- *What is the usage quantity variance?*
- *What is the purchased item quantity corrected for receipt transactions?*
- *What is the purchased item quantity corrected for return to supplier transactions?*
- *What is the transaction quantity during actual production?*
- *What percentage of work orders were scrapped and rejected?*
- *What is the purchased item quantity that was ordered?*
- *What are the material issued, returned, and negative quantities?*
- *How many production exceptions are open?*
- *What are the planned resource vs. actual usage?*
- *What is the total number of work orders on hold or unreleased?*
- *What is the purchased item quantity that was requested for a work order?*
- *What is the total number of rework and transform work orders?*
- *What is the purchased item quantity that was received?*
- *What is the aging time for work orders?*
- *What is the quantity of work orders in various statuses?*
- *What is the purchased item quantity that was returned back to receiving?*

- 
- *What is the primary quantity during actual production?*
  - *What is the time spent for an operation that is running, idle, or queued?*
  - *What is the purchased item quantity that was returned back to the supplier?*

## OTBI Report Performance Transactional Analysis Duty

### Code Name

FBI\_REPORT\_PERFORMANCE\_TRANSACTION\_ANALYSIS\_DUTY

### Job Roles

This duty role is related to the following job roles:

- *Application Implementation Consultant*
- *IT Security Manager*

### Subject Areas

This duty role secures access to the following subject areas:

- *OTBI Performance Real Time*

### Business Questions

This duty role secures access to data that can answer the following business questions:

- *What is the OTBI execution time histogram in the past month?*
- *Which analyses have high data row count?*
- *Which subject areas are used frequently in ad-hoc OTBI analyses?*
- *What is the database SQL execution time and row count?*
- *Which analyses reached OTBI max row limit?*
- *How many analyses and dashboards failed in the past month?*
- *What is the analysis total execution time and row count?*
- *Which analyses have the longest response time?*
- *What are the least-used OTBI subject areas?*
- *How many database SQLs are executed by an analysis?*
- *What are the long-running analyses in the past month?*

- *What are the common execution errors in the past month?*
- *What are the most commonly used OTBI subject areas?*
- *Which analyses have low usage because of poor performance?*

## OTBI Report Usage Transactional Analysis Duty

### Code Name

FBI\_REPORT\_USAGE\_TRANSACTION\_ANALYSIS\_DUTY

### Job Roles

This duty role is related to the following job roles:

- *Application Implementation Consultant*
- *IT Security Manager*

### Subject Areas

This duty role secures access to the following subject areas:

- *OTBI Usage Real Time*

### Business Questions

This duty role secures access to data that can answer the following business questions:

- *How many OTBI SOAP web services have been run in the past month?*
- *What is the weekly OTBI analysis usage trend?*
- *How many predefined OTBI analyses have been run in the past month?*
- *How many ad-hoc OTBI analyses have been run in the past month?*
- *What are the top N most frequently-run OTBI analyses?*
- *How many users run OTBI analyses?*
- *Who are the top N OTBI users?*
- *How many custom OTBI analyses have been run in the past month?*
- *Which analyses have low usage in the past three months?*
- *What is the execution history of dashboard X in the past month?*



## Orchestration Process Transaction Analysis Duty

### Code Name

FBI\_ORCHESTRATION\_PROCESS\_TRANSACTION\_ANALYSIS\_DUTY

### Job Roles

This duty role is related to the following job roles:

- *Order Administrator*
- *Order Manager*

### Subject Areas

This duty role secures access to the following subject areas:

- *Order Management - Process Instances Real Time*

### Business Questions

This duty role secures access to data that can answer the following business questions:

- *How long does it take to process and fulfill an order?*
- *What are the actual vs. planned completion processing times of orders?*
- *How long does it take to complete a task?*
- *How many tasks are active?*
- *Which orders are in jeopardy? What are the jeopardy reasons?*

## Order Holds Transaction Analysis Duty

### Code Name

FBI\_ORDER\_HOLDS\_TRANSACTION\_ANALYSIS\_DUTY

### Job Roles

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This duty role is related to the following job roles:

- *Order Administrator*
- *Order Manager*

## Subject Areas

This duty role secures access to the following subject areas:

- *Order Management - Order Holds Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *How much time is required to resolve an on-hold order?*
- *How many orders are on hold by category, item, or customer?*

# Order Pick Transaction Analysis Duty

## Code Name

FBI\_ORDER\_PICK\_TRANSACTION\_ANALYSIS\_DUTY

## Job Roles

This duty role is related to the following job roles:

- *Shipping Manager*
- *Warehouse Manager*

## Subject Areas

This duty role secures access to the following subject areas:

- *Shipping Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *What shipments are closed for a sold-to customer?*
- *Which shipments are late to the inventory organization?*
- *What shipments of an item are due today or tomorrow?*

## Order Transaction Analysis Duty

### Code Name

FBI\_ORDER\_TRANSACTION\_ANALYSIS\_DUTY

### Job Roles

This duty role is related to the following job roles:

- *Order Administrator*
- *Order Manager*

### Subject Areas

This duty role secures access to the following subject areas:

- *Order Management - Order Headers Real Time*
- *Order Management - Order Holds Real Time*
- *Order Management - Order Lines Real Time*
- *Order Management - Price Adjustments Real Time*
- *Order Management - Process Instances Real Time*

### Business Questions

This duty role secures access to data that can answer the following business questions:

- *What is the value of on-time orchestration orders for a selected status?*
- *How much time is required to resolve an on-hold order?*
- *When did I fulfill my orders?*
- *How many orders are on hold by category, item, or customer?*
- *How long does it take to process and fulfill an order?*
- *When are my orders scheduled to ship?*

- *What is the current status for each order line?*
- *What are the price adjustment charge amounts?*
- *What are the actual vs. planned completion processing times of orders?*
- *What are the price adjustment discount amounts?*
- *What is the number of orchestration orders for a selected time period?*
- *What are the price adjustment cost amounts?*
- *How long does it take to complete a task?*
- *How many tasks are active?*
- *Which orders are in jeopardy? What are the jeopardy reasons?*
- *What is the actual shipped date?*

## Product Catalog Transaction Analysis Duty

### Code Name

FBI\_PRODUCT\_CATALOG\_TRANSACTION\_ANALYSIS\_DUTY

### Job Roles

This duty role is related to the following job roles:

- *Product Data Steward*
- *Product Manager*

### Subject Areas

This duty role secures access to the following subject areas:

- *Product Management - Change Order Approvals Real Time*
- *Product Management - Change Order Line Real Time*
- *Product Management - Change Order Real Time*
- *Product Management - Components Real Time*
- *Product Management - Cross Reference Item Real Time*
- *Product Management - Item Catalog Category Hierarchy Real Time*
- *Product Management - Item Revisions Real Time*
- *Product Management - Item Supplier Uploads Real Time*
- *Product Management - New Item Request Approvals Real Time*
- *Product Management - New Item Request Line Real Time*

- *Product Management - New Item Request Real Time*
- *Product Management - Organization Hierarchy Real Time*
- *Product Management - Related Item Real Time*
- *Product Management - Source System Item Real Time*
- *Product Management - Structures Real Time*
- *Product Management - Structures and Components Real Time*
- *Product Management - Trading Partner Item Real Time*
- *Product Management - Where Used Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *How many new item requests have been rejected for an item?*
- *Which are the organization hierarchies that contain a particular organization?*
- *Which are the organization hierarchies that contain an item's organization at any level in the organization hierarchy?*
- *What is the cycle time of each status of a change order?*
- *What is the cycle time by approvers of change orders?*
- *Which new item requests took the longest?*
- *Which new item requests are in the approval status for a long time?*
- *What is the current count of change orders by approval status?*
- *What is the average cycle time by new item request priority?*
- *What are the different structures by structure type for a given item?*
- *What components make up an item?*
- *Which change orders took the longest?*
- *What is the cycle time by approvers of new item requests?*
- *What are the change orders pending approval?*
- *What are the approved items for an organization?*
- *What is the average correction time per supplier?*
- *What is the count of products per supplier across a specific time interval, such as a week, month, quarter, year, and period?*
- *What is the count of new item request lines by request line status?*
- *What is the effectivity for a given item structure?*
- *What is the count of cross-referenced items by cross-reference type?*
- *What are the counts and percentages of products per supplier in various states, such as created, rejected, requiring corrections, and imported?*
- *What is the average time between supplier product submission and corresponding master item creation?*
- *To which categories and hierarchies are items assigned to?*
- *What are the categories in a catalog?*

- *What is the cycle time of approvals for change orders?*
- *What is the cycle time of approvals for new item requests?*
- *What is the cycle time of each status of a new item request?*
- *What are the counts of change order lines by item, category, and catalog?*
- *What is the number of products by category, by upload, and without attachments per supplier?*
- *What are the different related items by trading partner type for a given item?*
- *Which change orders are in the approval status for a long time?*
- *What is the average age of change orders by change order type?*
- *What are the related items by related item type for a given item?*
- *What is the count of change order lines by change order status?*
- *What is the count of records with cross-referenced item numbers for a given category?*
- *What is the count of rejected items by item type and item class?*
- *What is the count of new item request lines requested this month?*
- *What are the new item requests pending approval?*
- *What are the corresponding source system items by source system type for a given item?*
- *What assemblies may be impacted if changes are made to an item?*
- *Which are the organization hierarchies that contain an item structure organization at any level in the organization hierarchy?*
- *What are the workflow transition details of a change order? Who are the approvers, and what were their comments?*

## Product Designer Transaction Analysis Duty

### Code Name

FBI\_PRODUCT\_DESIGNER\_ANALYSIS\_DUTY

### Job Roles

This duty role is related to the following job roles:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Product Portfolio Manager*

### Subject Areas

This duty role secures access to the following subject areas:

- *Innovation Management - Concepts Real Time*
- *Innovation Management - Ideas Real Time*
- *Innovation Management - Product Proposals Cash Flow Real Time*
- *Innovation Management - Product Proposals Real Time*
- *Innovation Management - Requirements Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *What is the count of ideas related to a concept?*
- *When was an idea last updated or voted on?*
- *What is the investment return of a particular product portfolio?*
- *What is the average age of requirements?*
- *What is the total count of requirements?*
- *What are the counts of concepts by draft, approved, and converted statuses?*
- *What are the counts for related ideas, concepts, or proposals?*
- *What is the count of concepts aging more than 90 days?*
- *What is the time required to launch a specific product portfolio?*
- *How long have ideas been aging?*
- *Which customers or users have posted ideas?*
- *What is the total of projected direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?*
- *What is the count of concepts related to requirement specifications?*
- *What state are ideas in?*
- *Which product portfolio is at risk?*
- *What is the count of requirement dependencies and impacts at the requirement specifications state?*
- *How many ideas are in each state?*
- *What is the product and market attractiveness strategic fit? Is it aligned to the market?*
- *What is the total of direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?*
- *What are the counts of requirements in draft, pending, and approved statuses?*
- *What are the counts of requirements specifications within 30, 60, 90, and 90 plus timeframes?*
- *What is the count of proposals related to requirement specifications?*
- *What are the requirements related to a given concept?*
- *What are the projected vs. actual revenue, cost, and margins for each product proposal?*
- *What are the projected and actual development and production costs?*

# Product Genealogy Transaction Analysis Duty

## Code Name

FBI\_PRODUCT\_GENEALOGY\_TRANSACTION\_ANALYSIS\_DUTY

## Job Roles

This duty role is related to the following job roles:

- *Asset Administrator*
- *Production Supervisor*

## Subject Areas

This duty role secures access to the following subject areas:

- *Product Genealogy - Genealogy Instance Real Time*
- *Product Genealogy - Genealogy Object Composition Real Time*
- *Product Genealogy - Genealogy Object Where Used Real Time*
- *Product Genealogy - Genealogy Structure Real Time*
- *Product Genealogy - Genealogy Transaction Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *What is the real-time information on all genealogy objects where a specified component is used.*
- *What are the genealogy party and genealogy location references?*
- *For a given component, what is the parent object, where is the component used, and what are the related levels of the component?*
- *What is the real-time component structure of a genealogy object?*
- *What are the child components and related levels for a parent object?*
- *What are the product genealogy transaction details for a parent object?*
- *What are the current location details for a genealogy instance?*
- *What are the customer account information details for a genealogy instance?*
- *What is the genealogy instance quantity?*
- *What are the current location details?*



- *What are the product genealogy transaction details?*
- *What are the product genealogy instance details?*

# Product Management VP Real Time Transaction Analysis Duty Role

## Code Name

FBI\_PM\_VP\_PORTFOLIO\_ANALYSIS\_DUTY

## Job Roles

This duty role is related to the following job roles:

- *Product Management VP*

## Subject Areas

This duty role secures access to the following subject areas:

- *Innovation Management - Portfolio Cost Real Time*
- *Innovation Management - Portfolio Lifecycle Real Time*
- *Innovation Management - Portfolio Resource Real Time*
- *Innovation Management - Portfolio Revenue Real Time*
- *Innovation Management - Portfolios Real Time*
- *Innovation Management - Product Portfolio Real Time*
- *Innovation Management - Scenario Lifecycle Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *What are the actual, target, and projected resources, costs, and revenues?*
- *What are the projected and actual costs by portfolio and lifecycle phase?*
- *What are the three worst overallocated resource pools?*
- *What is the investment revenue of a particular portfolio.*
- *What is the resource pool status over time?*
- *What are the projected and actual revenues by revenue category?*

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- *What is the strategic fit of each product in the portfolio based on qualities such as alignment and impact?*
  - *How do various products in the scenario compare based on a market vs. strategic fit?*
  - *What is the breakdown of portfolios by business unit and by product line across a specified time?*
  - *What are the projected and actual production labor costs by cost category?*
  - *What are the actual and projected development, labor, material, and fixed costs?*
  - *What are the portfolio, proposal, and scenario details?*
  - *What are the product assessment scores relative to the market alignment, impact, competitive advantage, and supply chain fit?*
  - *What is the deviation in absolute numbers and in percentage?*
  - *What are the investment return, payback period, and probability of success over a period of time?*
  - *What are the total revenue, total cost, and total margin of the scenario?*

## Product Portfolio Manager Real Time Transaction Analysis Duty Role

### Code Name

FBI\_PM\_MGR\_PORTFOLIO\_ANALYSIS\_DUTY

### Job Roles

This duty role is related to the following job roles:

- *Product Portfolio Manager*

### Subject Areas

This duty role secures access to the following subject areas:

- *Innovation Management - Portfolio Cost Real Time*
- *Innovation Management - Portfolio Resource Real Time*
- *Innovation Management - Portfolio Revenue Real Time*
- *Innovation Management - Portfolios Real Time*
- *Innovation Management - Product Portfolio Real Time*
- *Innovation Management - Scenario Lifecycle Real Time*

### Business Questions

This duty role secures access to data that can answer the following business questions:

- *What are the actual, target, and projected resources, costs, and revenues?*
- *What are the three worst overallocated resource pools?*
- *What is the investment revenue of a particular portfolio.*
- *What is the resource pool status over time?*
- *What are the projected and actual revenues by revenue category?*
- *What is the strategic fit of each product in the portfolio based on qualities such as alignment and impact?*
- *How do various products in the scenario compare based on a market vs. strategic fit?*
- *What is the breakdown of portfolios by business unit and by product line across a specified time?*
- *What are the projected and actual production labor costs by cost category?*
- *What are the actual and projected development, labor, material, and fixed costs?*
- *What are the portfolio, proposal, and scenario details?*
- *What are the product assessment scores relative to the market alignment, impact, competitive advantage, and supply chain fit?*
- *What is the deviation in absolute numbers and in percentage?*
- *What are the investment return, payback period, and probability of success over a period of time?*
- *What are the total revenue, total cost, and total margin of the scenario?*

## Product Proposal Manager Real Time Transaction Analysis Duty Role

### Code Name

FBI\_PM\_MGR\_PROPOSAL\_ANALYSIS\_DUTY

### Job Roles

This duty role is related to the following job roles:

- *Product Manager*

### Subject Areas

This duty role secures access to the following subject areas:

- *Innovation Management - Portfolio Cost Real Time*

- *Innovation Management - Portfolio Resource Real Time*
- *Innovation Management - Portfolio Revenue Real Time*
- *Innovation Management - Product Portfolio Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *What are the actual, target, and projected resources, costs, and revenues?*
- *What are the three worst overallocated resource pools?*
- *What is the investment revenue of a particular portfolio.*
- *What is the resource pool status over time?*
- *What are the projected and actual revenues by revenue category?*
- *What is the breakdown of portfolios by business unit and by product line across a specified time?*
- *What are the projected and actual production labor costs by cost category?*
- *What are the actual and projected development, labor, material, and fixed costs?*
- *What are the portfolio, proposal, and scenario details?*
- *What are the product assessment scores relative to the market alignment, impact, competitive advantage, and supply chain fit?*
- *What are the investment return, payback period, and probability of success over a period of time?*

## Product Recall Management Transaction Analysis Duty

### Code Name

FBI\_PRODUCT\_RECALL\_MANAGEMENT\_TRANSACTION\_ANALYSIS\_DUTY

### Job Roles

This duty role is related to the following job roles:

- *Product Recall Manager*

### Subject Areas

This duty role secures access to the following subject areas:

- *Product Recall Management Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *Which are the departments or locations with recalled parts for which action must be taken?*
- *What are the inbound transactions that are on recall?*
- *What is the average lead time of recall tasks in each department, location, or warehouse?*
- *What measures are taken to address the inbound transactions that were on recall?*
- *Who are the manufacturers from whom product recalls originate very often?*
- *How many pending recall tasks does a warehouse operator or counter of a periodic automatic replenishment (PAR) subinventory have at a point in time?*
- *Is there any discrepancy between the estimated recall quantity and current on-hand quantity in any perpetual location for an item or lot before the recall count is performed?*
- *How do the recalled parts get disposed of? Are they disposed of according to the replacement types indicated in the recall notices?*
- *What are the item categories that frequently get product recalls?*
- *Which are the business units to which a recall notice is assigned?*
- *Which are the departments or locations holding the recalled parts?*
- *Which are the recall notices that take long to get resolved?*
- *What is the price at which a debit memo must be raised for recalled parts that were disposed of?*

## Quality Issues and Actions Transaction Analysis Duty

### Code Name

FBI\_QUALITY\_ISSUES\_ACTIONS\_TRANSACTION\_ANALYSIS\_DUTY

### Job Roles

This duty role is related to the following job roles:

- *Product Design Engineer*
- *Product Design Manager*
- *Product Manager*
- *Quality Analyst*
- *Quality Engineer*

### Subject Areas

This duty role secures access to the following subject areas:

- *Enterprise Quality Actions Real Time*
- *Enterprise Quality Issues Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *What is the average cycle time for quality issues that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?*
- *What is the average cycle time for quality actions that are in incomplete, open, in-approval, complete, last-updated, and in-expected-resolution states?*
- *What are the counts of quality issues that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?*
- *What is the overall average cycle time for quality actions?*
- *What is the count of affected items that were impacted by quality actions?*
- *What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality issues?*
- *What are the counts of changes that are related to items, change orders, ideas, concepts, proposals, and requirement specifications for quality actions?*
- *What are the counts of quality actions that are in draft, open, in-progress, and completed states?*
- *What are the counts of quality actions that are open 0 to 3 days, 4 to 10 days, 11 to 30 days, and 30 plus days?*
- *What is the overall average cycle time for quality issues?*
- *What are the counts of quality issues that are in draft, open, in-progress, and completed states?*
- *What is the count of affected items that were impacted by the quality issues?*

## Receipt Accounting Transaction Analysis Duty

### Code Name

FBI\_RECEIPT\_ACCOUNTING\_TRANSACTION\_ANALYSIS\_DUTY

### Job Roles

This duty role is related to the following job roles:

- *Cost Accountant*

### Subject Areas

This duty role secures access to the following subject areas:

- *Costing - Receipt Accounting Period Close Real Time*
- *Costing - Receipt Accounting Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *What is the summary of validation errors for a general ledger accounting period that need to be reviewed prior to the general ledger accounting period close for receipt accounting?*
- *What are the transaction details for the transactions that are not processed or interfaced to receipt accounting for a general ledger accounting period?*
- *Which receipt accounting transactions are not accounted or transferred to the general ledger for a general ledger accounting period?*
- *What is the ledger amount by line type for receipt account distributions?*
- *What is the purchase order receipt transaction amount by receipt account distribution and receipt accounting transaction details?*

# Receiving Transaction Analysis Duty

## Code Name

FBI\_RECEIVING\_TRANSACTION\_ANALYSIS\_DUTY

## Job Roles

This duty role is related to the following job roles:

- *Warehouse Manager*

## Subject Areas

This duty role secures access to the following subject areas:

- *Receiving - In-Transit Advanced Shipment Notifications Real Time*
- *Receiving - In-Transit Interorganization Inventory Transfers Real Time*
- *Receiving - In-Transit Shipments Real Time*
- *Receiving - Interorganization Receipts Real Time*
- *Receiving - Purchase Receipts Real Time*

- *Receiving - Receipts Real Time*
- *Receiving - Transactions Real Time*
- *Receiving - Unordered Receipts Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *What is the total in-transit quantity for a given inventory organization as of today?*
- *What is the shipped quantity by carrier?*
- *What is the count of purchasing receipt lines by item and inventory organization?*
- *What percentage of the shipped quantity for an item has been received into inventory at a receiving inventory organization?*
- *What is the count of in-transit advance shipment notice lines by supplier?*
- *How do the unordered receipts compare to purchase orders?*
- *What are the transaction quantity and actual received quantity by item and by receiving inventory organization?*
- *What are the receipt amounts?*
- *What is the interorganizational count of receipts?*
- *What is the total shipped quantity of in-transit inventory between a source inventory organization and a destination inventory organization?*
- *What are the receipt quantities in various states, such as accepted, rejected, delivered, returned, shipped, and actual-received?*
- *What is the returned quantity by item and inventory organization?*

## Security Transaction Analysis Duty

### Code Name

FBI\_SECURITY\_TRANSACTION\_ANALYSIS\_DUTY

### Job Roles

This duty role is related to the following job roles:

- *IT Security Manager*

### Subject Areas



This duty role secures access to the following subject areas:

- *Security - Audit Real Time*
- *Security - Roles and Privileges Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *Why am I not able to view certain subject areas with my login credentials?*
- *Which data security policy would provide access to the data I need to see?*
- *What are all the data security privileges that a specific user added?*
- *Can I view and edit a particular page? If yes, which functional security policy do I need to provide to a user who needs similar access?*
- *Which roles were added with a specific functional security policy, and who added them?*
- *I have not added a specific role to a user, but the user seem to have this job role. Can I trace how has this been inherited by the user?*

# Service Logistics Transaction Analysis Duty

## Code Name

FBI\_SERVICE\_LOGISTICS\_TRANSACTION\_ANALYSIS\_DUTY

## Job Roles

This duty role is related to the following job roles:

- *Field Service Administrator*

## Subject Areas

This duty role secures access to the following subject areas:

- *Service Logistics - Parts Fulfillment Performance Real Time*
- *Service Logistics - Service Parts Profitability Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *Did we make or lose money on part exchanges?*
- *What is the revenue for parts sales?*
- *How often did field service-ordered parts arrive ontime?*
- *What is the revenue for each parts category?*
- *How often did customer-ordered parts arrive ontime?*

## Supply Chain Collaboration Transaction Analysis Duty

### Code Name

FBI\_SUPPLY\_COLLAB\_PLANNER\_TRANSACTION\_ANALYSIS\_DUTY

### Job Roles

This duty role is related to the following job roles:

- *Supply Chain Collaboration Planner*

### Subject Areas

This duty role secures access to the following subject areas:

- *Supply Chain Collaboration - Supply Planning Real Time*

### Business Questions

This duty role secures access to data that can answer the following business questions:

- *What are the individual commit records?*
- *What is the historical weekly or monthly aggregation of commit-to-forecast data for a given supply chain collaboration relationship in a waterfall table view using a pivot table?*
- *What are the individual forecast versions?*
- *What are the individual commit differences across versions?*
- *What are the incremental monthly commits, monthly forecasts, and monthly commits to forecast over time?*
- *What are the forecast and commit quantities aggregated across suppliers, supplier sites, ship-to locations, and items?*
- *What are the individual forecast commits?*

# Supply Chain Financials Orchestration Transaction Analysis Duty

## Code Name

FBI\_SUPPLY\_CHAIN\_FIN\_ORCH\_TRANSACTION\_ANALYSIS\_DUTY

## Job Roles

This duty role is related to the following job roles:

- *Supply Chain Controller*

## Subject Areas

This duty role secures access to the following subject areas:

- *Supply Chain Financial Orchestration Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *What are the tasks generated and the details of transfer price for a financial flow?*
- *What are the financial flow details that were generated for a physical supply chain execution event?*
- *What are the cost accounting distributions for the trade transactions that are part of a financial flow?*
- *What are the tax details for the intercompany receivables and intercompany payables that were generated as part of the financial orchestration?*

# Supply Chain Orchestration Transaction Analysis Duty

## Code Name

FBI\_SUPPLY\_CHAIN\_ORCH\_TRANSACTION\_ANALYSIS\_DUTY

## Job Roles

This duty role is related to the following job roles:

- *Supply Chain Operations Manager*

## Subject Areas

This duty role secures access to the following subject areas:

- *Supply Chain Orchestration - Supply Order Real Time*
- *Supply Chain Orchestration - Supply Request Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *Which sales orders have multiple supply orders?*
- *Which are the open purchase requisitions, reservations, and work orders where sales orders are shipped or closed?*
- *Which are the open supply orders and transfer orders where sales orders are shipped or closed?*
- *What are the sales orders with no supply documents by supply type?*
- *What is the number of days since a supply request was created?*

# Supply Chain Planning Transaction Analysis Duty

## Code Name

FBI\_SCM\_PLANNING\_TRANSACTION\_ANALYSIS\_DUTY

## Job Roles

This duty role is related to the following job roles:

- *Backlog Manager*
- *Demand Planner*
- *Demand and Supply Planner*
- *Materials Planner*
- *Replenishment Planner*
- *Sales and Operations Planner*
- *Supply Chain Planner*

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## Subject Areas

This duty role secures access to the following subject areas:

- *Supply Chain Planning Real Time*

## Business Questions

This duty role secures access to data that can answer the following business questions:

- *Which item locations have safety stock violations?*
- *Which item locations have fill rate violations?*
- *How do I identify the key exception areas in my supply chain plan?*
- *How much of the supply quantity of the components is allocated for meeting the end demands?*
- *What are the key recommendations that a planner needs to implement?*
- *Which supply orders are needed for meeting a specific set of end demands?*
- *What are the final consumption forecast and history?*
- *Which item locations have stockouts?*
- *What items and quantities are needed for meeting a specific end demand?*

