Oracle Supply Chain Management Cloud

Subject Areas for Transactional Business Intelligence in SCM
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Preface

This preface introduces information sources that can help you use the application.

Using Oracle Applications

Using Applications Help

Use help icons

Watch: This video tutorial shows you how to find help and use help features.
You can also read Using Applications Help.

Additional Resources

- Community: Use Oracle Cloud Customer Connect to get information from experts at Oracle, the partner community, and other users.
- Guides and Videos: Go to the Oracle Help Center to find guides and videos.
- Training: Take courses on Oracle Cloud from Oracle University.

Conventions

The following table explains the text conventions used in this guide.

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<th>Convention</th>
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<tr>
<td>boldface</td>
<td>Boldface type indicates user interface elements, navigation paths, or values you enter or select.</td>
</tr>
<tr>
<td>monospace</td>
<td>Monospace type indicates file, folder, and directory names, code examples, commands, and URLs.</td>
</tr>
<tr>
<td>&gt;</td>
<td>Greater than symbol separates elements in a navigation path.</td>
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Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website. Videos included in this guide are provided as a media alternative for text-based help topics also available in this guide.

Contacting Oracle

Access to Oracle Support
Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit My Oracle Support or visit Accessible Oracle Support if you are hearing impaired.

Comments and Suggestions
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1 Introduction

Subject Areas: Overview

This guide contains information about Transactional Business Intelligence subject areas, 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 are associated with duty roles, and together control access to subject areas.
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 - COGS and Gross Margin Real Time

Description

This subject area provides real-time information on cost records of goods sold, revenue, and gross margin calculations.

Business Questions

This subject area can answer the following business questions:

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

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 - 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 account balance amount by cost transaction type for a given cost organization and cost book?
- What is the cost account balance by cost accounting distribution and journal line type?

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
No applicable business questions

Job Roles
No applicable job roles

Duty Roles
No applicable duty roles

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

Job Roles
No applicable job roles

Duty Roles
No applicable duty roles

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
No applicable job roles
Duty Roles

No applicable duty roles

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

Job Roles

No applicable job roles

Duty Roles

No applicable duty roles
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 - Inventory Valuation Real Time

Description
This subject area provides real-time information on inventory valuation for on-hand inventories, in-transit inventories, and the total inventory, based on the inventory locations.

Business Questions
This subject area can answer the following business questions:

- What is the current accounted on-hand inventory by item and by inventory organization?
- What is the total value of inventory costed by inventory organization?

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 Header Creation Date, Invoice Header Invoice Date, Receiving Header Creation Date, and Requisition Header Creation Date.

## Transactional Grain

Not available

## Special Considerations

None.

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### Costing - Item Cost Real Time

#### Description

This subject area provides real-time information on application-calculated item costs by item, inventory organization, and other groupings.

#### Business Questions

This subject area can answer the following business questions:

- *What is the current material cost for an item in a given cost organization?*
- *What is the profit in inventory by cost analysis group?*
- *What percentage of the total cost in a given cost organization is overhead cost?*

#### 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 Agreement Version Document 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 - 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 - 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:

- *Which receipt accounting transactions are not accounted or transferred to the general ledger for a general ledger accounting period?*
• What are the transaction details for the transactions that are not processed or interfaced to receipt accounting for a general ledger 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?

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

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

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.
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 are the requirements related to a given concept?
- What is the count of concepts aging greater than 90 days?
- What is the count of concepts by draft, approved, and converted statuses?
- What is the count of ideas related to a 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?*
- *How many ideas are in each state?*
- *How long have ideas been aging?*
- *Which customers or users have posted ideas?*
- *What are the counts for related ideas, concepts, or proposals?*
- *What state are ideas in?*

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 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 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 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?

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 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 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 Revenue Creation Date.

Transactional Grain

Not available

Special Considerations

None.

Innovation Management - Portfolios Real Time

Description

This subject area provides real-time information on 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 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 are the portfolio, proposal, and scenario details?
- What are the actual and projected development, labor, material, and fixed costs?
- What are the product assessment scores relative to the market alignment, impact, competitive advantage, and supply chain fit?
- What is the breakdown of portfolios by business unit and by product line across a specified time?
- 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 total of direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?
- 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 investment return of a particular product portfolio?
- What are the projected and actual development and production costs?
- What is the product and market attractiveness strategic fit? Is it aligned to the market?
- What is the time required to launch a specific product portfolio?

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

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

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**

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 Structure Start Date.

**Transactional Grain**

Not available

**Special Considerations**

None.

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**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 classification cumulative values?*
- *What are the ABC assignment quantities and item 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 are the inventory cycle counts in a specific count sequence, such as recounts, rejected, or approved?
- What percentage of variance is hit-and-miss?
- 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 real-time supply quantities by supply type and destination type?
- What are the current in-transit inventory quantities by item and 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 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 data at the transfer order grain.

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

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 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 are the daily resource requirements?
- What are the maintenance work orders scheduled today?
- What materials are required to execute maintenance work orders scheduled today?
- What maintenance work orders were completed today?
- What materials and resources were transacted 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 - 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 is the quantity of material usage issued?
- What is the quantity of returned material?
- What are the actual vs. planned material usage quantities per product and per work order?
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 - 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 is the quantity of resource returned?*
- *What is the resource usage variance?*
- *What are the actual vs. planned resource usage quantities per product and work order?*
What is the issued quantity of resource usage?

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:

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

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 is the total number of work orders on hold or unreleased?
- What percentage of work orders were scrapped and rejected?
- What is the aging time for work orders?
- What is the total number of rework and transform 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.

Order Management - Fulfillment Lines Real Time

Description
This subject area provides real-time information on order orchestration fulfillment lines. It analyzes orders by item, customer, shipping details, and schedules that are necessary for order fulfillment.

Business Questions
This subject area can answer the following business questions:

- What are the on-time fulfillment lines for orchestration orders?
- What are the past-due fulfillment lines for orchestration orders?

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.

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

**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:

- What is the current status for each order line?
- When are my orders scheduled to ship?
- When did I fulfill my orders?
- 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 discount amounts?
- What are the price adjustment cost amounts?
• What are the price adjustment charge 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 complete a task?*
- *How long does it take to process and fulfill an order?*
- *Which orders are in jeopardy? What are the jeopardy reasons?*
- *How many tasks are active?*
- *What are the actual vs. planned completion processing times of orders?*

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

Job Roles

No applicable job roles

Duty Roles

No applicable duty roles

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
Product Genealogy - Genealogy Instance Structure Details

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

Job Roles
No applicable job roles

Duty Roles
No applicable duty roles

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 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 are the product genealogy transaction details for a parent object?**
- **What are the child components and related levels for a parent object?**

Job Roles

No applicable job roles

Duty Roles

No applicable duty roles

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 are the product genealogy transaction details for a parent object?
- For a given component, what is the parent object, where is the component used, and what are the related levels of the component?

Job Roles

No applicable job roles

Duty Roles

No applicable duty roles

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

Job Roles
No applicable job roles

Duty Roles
No applicable duty roles

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 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
This subject area can answer the following business questions:

- What is the count of change order lines by change order status?

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

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
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 records with cross-referenced item numbers for a given category?
- What is the count of cross-referenced items by cross-reference 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 Item Relationship Start Date.
Transactional Grain

Not available

Special Considerations

None.

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

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 are the count and percentage of products per supplier in various states, such as created, rejected, requiring corrections, and imported?
- 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 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.

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**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:

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

- 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 - Related Item Real Time

Description

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

- *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

None.

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
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:

- 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
Special Considerations

None.

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

Job Roles

No applicable job roles

Duty Roles

No applicable duty roles

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.

Quality - Quality Inspection Results Real Time

Description

This subject area provides real-time information on quality inspection results.

Business Questions

This subject area can answer the following business questions:

- What is the total count of inspections completed?
- What are the accepted and rejected rates?
- What is the total count of inspection results?
- What is the total inspection quantity?
- What is the average inspection cycle time?
- What is the total count of samples accepted or rejected during inspections?

Job Roles

The following job roles secure access to this subject area:

- Quality Analyst
- Quality Engineer

Duty Roles

The following duty roles secure access to this subject area:

- Quality Inspection Results Transaction Analysis Duty
Primary Navigation
Navigator > Quality Management > Quality Management

Time Reporting
This subject area supports historical reporting.
Time dimension is linked to Inspection Date.

Transactional Grain
Not available

Special Considerations
None.

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

Job Roles
No applicable job roles
Duty Roles
No applicable duty roles

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.

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

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

None.

**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?*
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**

None.

**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?*
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
None.

Receiving - Interorganization Receipts Real Time

Description
This subject area provides real-time information on interorganization 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 are the receipt quantities in various states, such as accepted, rejected, delivered, returned, shipped, and actual-received?
• *What is the interorganization count of receipts?*

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

None.

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

None.

Receiving - Receipts Real Time

Description

This subject area provides real-time information on all receipt types, including interorganization 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

None.

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**

None.

**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**

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

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 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 key recommendations that a planner needs to implement?
- 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?
- Which supply orders are needed for meeting the demands for a specific set of end demands?
- Which items and what quantities are needed for meeting the demands for a specific end demand?

Job Roles
The following job roles secure access to this subject area:

- Materials 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 Bucket Start Date and 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
What is the count 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
No applicable job roles

Duty Roles
No applicable job roles

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
No applicable job roles

Duty Roles
No applicable job roles
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
No applicable job roles

Duty Roles
No applicable job roles

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
No applicable job roles

Duty Roles
No applicable job roles
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

No applicable job roles

Duty Roles

No applicable job roles

What is the count 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

No applicable job roles

Duty Roles

No applicable job roles
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 is the cost of goods sold 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 - COGS and Gross Margin 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 by cost element?

Subject Areas

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

- Costing - COGS and Gross Margin 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 - COGS and Gross Margin 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 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 is the current accounted on-hand inventory by item and by inventory organization?

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

- **Costing - 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 total value of inventory costed by inventory organization?

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

- **Costing - 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 current material cost for an item in a given cost organization?

Subject Areas

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

- Costing - Item 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 is the profit in inventory by cost analysis group?

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

- **Costing - Item 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 percentage of the total cost in a given cost organization is overhead cost?**

**Subject Areas**

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

- **Costing - Item 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 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**
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
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:

- *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 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:

- *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 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:

- 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 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:

- 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 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 greater 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 is the count 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
- 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 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 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
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
- 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
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 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

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
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

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
No applicable job roles

Duty Roles
No applicable job roles
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

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**

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
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 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
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?
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:

- Maintenance 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:

- Maintenance 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
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:

- Maintenance 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:

- Maintenance 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:

- *Maintenance 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:

- *Maintenance 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:

- Maintenance 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:

- Maintenance 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:

- *Maintenance 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:

- Maintenance 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 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*
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*

### 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:

- *Manufacturing Execution Analysis Duty*
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 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 are the on-time fulfillment lines for orchestration orders?

Subject Areas

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

- Order Management - Fulfillment 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:

- Orchestration Process Transaction Analysis Duty
- Order Transaction Analysis Duty
What are the past-due fulfillment lines for orchestration orders?

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

- Order Management - Fulfillment 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:

- Orchestration Process Transaction Analysis Duty
- Order Transaction 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
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
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

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*

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 Details Real Time*
- *Product Genealogy - Genealogy Instance Structure Details Real Time*

Job Roles
No applicable job roles
Duty Roles

No applicable job roles

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 Details Real Time*

Job Roles

No applicable job roles

Duty Roles

No applicable job roles

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 Details Real Time*

Job Roles

No applicable job roles

Duty Roles
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 Details Real Time

Job Roles

No applicable job roles

Duty Roles

No applicable job roles

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 Instance Structure Details Real Time

Job Roles

No applicable job roles

Duty Roles

No applicable job roles
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 History Real Time

Job Roles
No applicable job roles

Duty Roles
No applicable job roles

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 History Real Time

Job Roles
No applicable job roles

Duty Roles
No applicable job roles
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:

- 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
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 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 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
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 count and percentage 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**
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
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
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
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

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*
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**

**What is the count 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:

- **Quality - Quality Actions Real Time**

**Job Roles**
No applicable job roles

**Duty Roles**
No applicable job roles

What is the count of quality actions that are open between 0-3 days, 4-10 days, 11-30 days, and 30 plus days?

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

- **Quality - Quality Actions Real Time**

**Job Roles**
No applicable job roles

**Duty Roles**
No applicable job roles

What is the overall average cycle time for quality actions?

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

- **Quality - Quality Actions Real Time**
Job Roles
No applicable job roles

Duty Roles
No applicable job roles

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:

- Quality - Quality Actions Real Time

Job Roles
No applicable job roles

Duty Roles
No applicable job roles

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:

- Quality - Quality Actions Real Time
Job Roles
No applicable job roles

Duty Roles
No applicable job roles

What is the count 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:

- Quality - Quality Actions Real Time

Job Roles
No applicable job roles

Duty Roles
No applicable job roles

What is the count 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:

- Quality - Quality Issues Real Time
What is the count of quality issues that are open between 0-3 days, 4-10 days, 11-30 days, and 30 plus days?

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

- **Quality - Quality Issues Real Time**

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:

- **Quality - Quality Issues Real Time**

No applicable job roles
Duty Roles
No applicable job roles

What is the average cycle time for quality issues that in incomplete, open, in-approval status, 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:

- Quality - Quality Issues Real Time

Job Roles
No applicable job roles

Duty Roles
No applicable job roles

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:

- Quality - Quality Issues Real Time

Job Roles
No applicable job roles
Duty Roles

No applicable job roles

What is the count 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:

- Quality - Quality Issues Real Time

Job Roles

No applicable job roles

Duty Roles

No applicable job roles

What are the accepted and rejected rates?

Subject Areas

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

- Quality - Quality Inspection Results Real Time

Job Roles

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

- Quality Analyst
Duty Roles

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

- **Quality Engineer**

**What is the average inspection cycle time?**

Subject Areas

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

- **Quality - Quality Inspection Results Real Time**

Job Roles

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

- **Quality Analyst**
- **Quality Engineer**

Duty Roles

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

- **Quality Inspection Results Transaction Analysis Duty**

**What is the total count of inspection results?**

Subject Areas

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

- **Quality - Quality Inspection Results Real Time**
Job Roles

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

- Quality Analyst
- Quality Engineer

Duty Roles

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

- Quality Inspection Results Transaction Analysis Duty

What is the total count of inspections completed?

Subject Areas

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

- Quality - Quality Inspection Results Real Time

Job Roles

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

- Quality Analyst
- Quality Engineer

Duty Roles

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

- Quality Inspection Results Transaction Analysis Duty
What is the total count of samples accepted or rejected during inspections?

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

- *Quality - Quality Inspection Results Real Time*

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

- *Quality Analyst*
- *Quality Engineer*

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

- *Quality Inspection Results Transaction Analysis Duty*

What is the total inspection quantity?

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

- *Quality - Quality Inspection Results Real Time*

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

- *Quality Analyst*
• Quality Engineer

Duty Roles

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

• Quality Inspection Results 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
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 interorganization 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

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
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

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

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:

- Materials 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:

- Materials 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:

- Materials 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 items and what quantities are needed for meeting the demands for 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:

- Materials 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
Oracle Supply Chain Management Cloud
Subject Areas for Transactional Business Intelligence in SCM

Chapter 3
Business Questions

Which supply orders are needed for meeting the demands for 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:

- Materials 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 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
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 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

No applicable job roles

Duty Roles

No applicable job roles

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

No applicable job roles

Duty Roles

No applicable job roles
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

No applicable job roles

Duty Roles

No applicable job roles
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.

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 - COGS and Gross Margin Real Time
- Costing - Cost Accounting Period Close Real Time
- Costing - Cost Accounting Real Time
- Costing - Cost Rollup Details Real Time
- Costing - Inventory Valuation Real Time
- Costing - Item Cost Real Time
- Costing - Landed Costs Real Time
- Costing - Overhead Rates Real Time
- Costing - Receipt Accounting Period Close Real Time
- Costing - Receipt Accounting Real Time
Business Questions

This job role secures access to data that can answer the following business questions:

• **Which assembly's cost is impacted by the change in cost of a particular component?**
• **What is the cost of goods sold across business units for a given item?**
• **Which cost accounting transactions are not accounted for or transferred to the general ledger for a cost accounting period?**
• **What is the current accounted on-hand inventory by item and by inventory organization?**
• **What is the current material cost for an item in a given cost organization?**
• **Which receipt accounting transactions are not accounted or transferred to the general ledger for a general ledger accounting period?**
• **What are the estimated and actual charges for materials by item detail?**
• **What are the transaction details for the transactions that are not processed or interfaced to receipt accounting for a general ledger 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 gross margin by business unit for a fiscal quarter?**
• **What are the transportation costs for work orders?**
• **What is the profit in inventory by cost analysis group?**
• **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 is the actual cost associated with acquiring items, which includes insurance, transportation, handling, storage, container, and import or export charges?**
• **What are the total indirect costs per category and unit?**
• **What is the purchase order receipt transaction amount by receipt account distribution and receipt accounting transaction details?**
• **What is the account balance amount by cost transaction type for a given cost organization and cost book?**
• **What percentage of the total cost in a given cost organization is overhead cost?**
• **What are the line item costs per work order per product?**
• **What are the details for a costed bill of materials of a rollup assembly product?**
• **What are the transaction details for the transactions that are not processed or interfaced to costing for a cost accounting period?**
• **What is the total value of inventory costed by inventory organization?**
• **What are the resource rates per name, type, scenario, and unit?**
• What is the breakdown of the cost of goods sold by cost element?
• What is the cost account balance by cost accounting distribution and journal line type?
• What is the ledger amount by line type for receipt account distributions?
• What are the planned vs. actual work hours charged per work order?

### 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 is the supplier site for a consigned inventory?
- What are the cycle counts by ABC assignment groups?
- What are the inventory cycle counts in a specific count sequence, such as recounts, rejected, or approved?
- What are the transactions for a given item in an inventory organization for a given day?
- What are the distinct subinventories within a given inventory organization?
• What are the real-time supply quantities by supply type and destination type?
• What are the ABC classification cumulative values?
• What are the current on-hand quantities by item, inventory organization, and subinventory?
• What percentage of variance is hit-and-miss?
• What are the current in-transit inventory quantities by item and inventory organization?
• What are the distinct locators within a subinventory?
• What are the ABC assignment quantities and item values?
• What are the transfer order quantities by transaction type for the source and destination locations?
• What are the ABC classification set quantities and values?
• What percentage of the on-hand quantity is consigned?
• What are the adjustment value tolerances?
• What is the inventory transaction quantity by transaction type for a given inventory organization?
• What are all the transfer orders, with header and line information, for an item in an inventory organization?

Maintenance Manager

Code Name
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:

• Maintenance Management - Asset Real Time
• Maintenance Management - Material 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 daily resource requirements?
- What are the maintenance work orders scheduled today?
- What is the average cycle time for work orders?
- What materials are required to execute maintenance work orders scheduled today?
- What is the material usage variance?
- What is the quantity of resource returned?
- What is the resource usage variance?
- What maintenance work orders were completed today?
- What materials and resources were transacted today?
- What is the quantity of material usage issued?
- What are the actual vs. planned resource usage quantities per product and work order?
- How many work orders have been open for one, three, seven and seven plus days?
- What is the quantity of returned material?
- What is the total number of work orders past due, unreleased, and on hold?
- What is the issued quantity of resource usage?
- What are the actual vs. planned material usage quantities per product and per work order?

**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:

- Maintenance Management - Asset Real Time
• Maintenance Management - Material 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 daily resource requirements?
• What are the maintenance work orders scheduled today?
• What is the average cycle time for work orders?
• What materials are required to execute maintenance work orders scheduled today?
• What is the material usage variance?
• What is the quantity of resource returned?
• What is the resource usage variance?
• What maintenance work orders were completed today?
• What materials and resources were transacted today?
• What is the quantity of material usage issued?
• What are the actual vs. planned resource usage quantities per product and work order?
• How many work orders have been open for one, three, seven and seven plus days?
• What is the quantity of returned material?
• What is the total number of work orders past due, unreleased, and on hold?
• What is the issued quantity of resource usage?
• What are the actual vs. planned material usage quantities per product and per work order?

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:

• What are the key recommendations that a planner needs to implement?
• 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?
• Which supply orders are needed for meeting the demands for a specific set of end demands?
• Which items and what quantities are needed for meeting the demands for 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 - Fulfillment Lines Real Time
• 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:

• How long does it take to complete a task?
• How many orders are on hold by category, item, or customer?
• How long does it take to process and fulfill an order?
• What is the value of on-time orchestration orders for a selected status?
• What are the price adjustment discount amounts?
• What is the current status for each order line?
• What are the price adjustment cost amounts?
• Which orders are in jeopardy? What are the jeopardy reasons?
• What are the price adjustment charge amounts?
• What is the number of orchestration orders for a selected time period?
• How much time is required to resolve an on-hold order?
• When are my orders scheduled to ship?
• When did I fulfill my orders?
• How many tasks are active?
• What are the on-time fulfillment lines for orchestration orders?
• What are the past-due fulfillment lines for orchestration orders?
• What is the actual shipped date?
• What are the actual vs. planned completion processing times of orders?

Order Manager

Code Name

ORA_DO0_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 - Fulfillment Lines Real Time
- 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:

- How long does it take to complete a task?
- How many orders are on hold by category, item, or customer?
- How long does it take to process and fulfill an order?
- What is the value of on-time orchestration orders for a selected status?
- What are the price adjustment discount amounts?
- What is the current status for each order line?
- What are the price adjustment cost amounts?
- Which orders are in jeopardy? What are the jeopardy reasons?
- What are the price adjustment charge amounts?
- What is the number of orchestration orders for a selected time period?
- How much time is required to resolve an on-hold order?
- When are my orders scheduled to ship?
- When did I fulfill my orders?
- How many tasks are active?
- What are the on-time fulfillment lines for orchestration orders?
- What are the past-due fulfillment lines for orchestration orders?
- What is the actual shipped date?
- What are the actual vs. planned completion processing times of orders?

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 Line Real Time
- Product Management - Change Order Real Time
- Product Management - Components Real Time
- Product Management - Cross Reference Item Real Time
- Product Management - Item Revisions Real Time
- Product Management - Item Supplier Uploads Real Time
- Product Management - New Item Request Line Real Time
- Product Management - New Item Request 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:

- What are the change orders pending approval?
- What is the count of records with cross-referenced item numbers for a given category?
- What are the different structures by structure type for a given item?
- What assemblies may be impacted if changes are made to an item?
- What is the average correction time per supplier?
- What are the new item requests pending approval?
- What is the count of cross-referenced items by cross-reference type?
- What are the count and percentage of products per supplier in various states, such as created, rejected, requiring corrections, and imported?
- What is the average cycle time by new item request priority?
• What components make up an item?
• What is the average age of change orders by change order type?
• What is the count of rejected items by item type and item class?
• 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 are the different related items by trading partner type for a given item?
• What is the count of change order lines by change order status?
• What are the counts of change order lines by item, category, and catalog?
• What are the approved items for an organization?
• What is the average time between supplier product submission and corresponding master item creation?
• What are the related items by related item type for a given item?
• What is the count of new item request lines requested this month?
• What is the effectivity for a given item structure?
• What is the current count of change orders by approval status?
• What is the number of products by category, by upload, and without attachments per supplier?
• How many new item requests have been rejected for an item?
• What are the corresponding source system items by source system type for a given item?

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

Subject Areas
This job 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 job role secures access to data that can answer the following business questions:

- What is the total of 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 is the count of proposals related to requirement specifications?
- What is the count of requirement dependencies and impacts at the requirement specifications state?
- What is the total count of requirements?
- What is the total of projected direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?
- What are the requirements related to a given concept?
- What is the count of concepts aging greater than 90 days?
- What is the count of concepts by draft, approved, and converted statuses?
- When was an idea last updated or voted on?
- Which product portfolio is at risk?
- What are the counts of requirements specifications within 30, 60, 90, and 90 plus timeframes?
- How many ideas are in each state?
- What is the investment return of a particular product portfolio?
- What is the count of ideas related to a concept?
- How long have ideas been aging?
- Which customers or users have posted ideas?
- 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 counts for related ideas, concepts, or proposals?
- What is the product and market attractiveness strategic fit? Is it aligned to the market?
- What are the counts of requirements in draft, pending, and approved statuses?
- What state are ideas in?
- What is the time required to launch a specific product portfolio?
- What is the average age of requirements?
ORA_ACD_PRODUCT_DESIGN_MANAGER_JOB

Duty Roles

This job role is related to the following duty roles:

- Product Designer Transaction Analysis Duty

Subject Areas

This job 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 job role secures access to data that can answer the following business questions:

- What is the total of 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 is the count of proposals related to requirement specifications?
- What is the count of requirement dependencies and impacts at the requirement specifications state?
- What is the total count of requirements?
- What is the total of projected direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?
- What are the requirements related to a given concept?
- What is the count of concepts aging greater than 90 days?
- What is the count of concepts by draft, approved, and converted statuses?
- When was an idea last updated or voted on?
- Which product portfolio is at risk?
- What are the counts of requirements specifications within 30, 60, 90, and 90 plus timeframes?
- How many ideas are in each state?
- What is the investment return of a particular product portfolio?
- What is the count of ideas related to a concept?
- How long have ideas been aging?
- Which customers or users have posted ideas?
• 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 counts for related ideas, concepts, or proposals?
• What is the product and market attractiveness strategic fit? Is it aligned to the market?
• What are the counts of requirements in draft, pending, and approved statuses?
• What state are ideas in?
• What is the time required to launch a specific product portfolio?
• What is the average age of requirements?

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 total revenue, total cost, and total margin of the scenario?
• What are the actual, target, and projected resources, costs, and revenues?
• What are the portfolio, proposal, and scenario details?
• What are the projected and actual production labor costs by cost category?
• What are the projected and actual revenues by revenue category?
• What are the three worst overallocated resource pools?
• What are the actual and projected development, labor, material, and fixed costs?
• What are the product assessment scores relative to the market alignment, impact, competitive advantage, and supply chain fit?
• How do various products in the scenario compare based on a market vs. strategic fit?
• What are the projected and actual costs by portfolio and lifecycle phase?
• What is the strategic fit of each product in the portfolio based on qualities such as alignment and impact?
• What is the breakdown of portfolios by business unit and by product line across a specified time?
• What is the deviation in absolute numbers and in percentage?
• What is the resource pool status over time?
• What are the investment return, payback period, and probability of success over a period of time?

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

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
Job Roles

- **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 Line Real Time**
- **Product Management - Change Order Real Time**
- **Product Management - Components Real Time**
- **Product Management - Cross Reference Item Real Time**
- **Product Management - Item Revisions Real Time**
- **Product Management - Item Supplier Uploads Real Time**
- **Product Management - New Item Request Line Real Time**
- **Product Management - New Item Request 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:

- **What is the total of 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 is the count of proposals related to requirement specifications?**
- **What is the count of requirement dependencies and impacts at the requirement specifications state?**
- **What is the total count of requirements?**
- **What are the change orders pending approval?**
- **What is the count of records with cross-referenced item numbers for a given category?**
- **What are the different structures by structure type for a given item?**
- **What are the actual, target, and projected resources, costs, and revenues?**
- **What are the portfolio, proposal, and scenario details?**
- **What is the total of projected direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?**
Chapter 4
Job Roles

- What assemblies may be impacted if changes are made to an item?
- What is the average correction time per supplier?
- What are the new item requests pending approval?
- What are the requirements related to a given concept?
- What is the count of concepts aging greater than 90 days?
- What is the count of concepts by draft, approved, and converted statuses?
- When was an idea last updated or voted on?
- What are the projected and actual production labor costs by cost category?
- Which product portfolio is at risk?
- What are the counts of requirements specifications within 30, 60, 90, and 90 plus timeframes?
- What is the count of cross-referenced items by cross-reference type?
- What are the count and percentage of products per supplier in various states, such as created, rejected, requiring corrections, and imported?
- What is the average cycle time by new item request priority?
- How many ideas are in each state?
- What are the projected and actual revenues by revenue category?
- What is the investment return of a particular product portfolio?
- What components make up an item?
- What is the count of ideas related to a concept?
- How long have ideas been aging?
- What are the three worst overallocated resource pools?
- What are the actual and projected development, labor, material, and fixed costs?
- What is the average age of change orders by change order type?
- What is the count of rejected items by item type and item class?
- 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 are the different related items by trading partner type for a given item?
- Which customers or users have posted ideas?
- What are the product assessment scores relative to the market alignment, impact, competitive advantage, and supply chain fit?
- 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 is the count of change order lines by change order status?
- What are the counts of change order lines by item, category, and catalog?
- What are the approved items for an organization?
- What is the average time between supplier product submission and corresponding master item creation?
- What are the related items by related item type for a given item?
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 total of 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 is the count of proposals related to requirement specifications?
• What is the count of requirement dependencies and impacts at the requirement specifications state?
• What is the total count of requirements?
• What are the total revenue, total cost, and total margin of the scenario?
• What are the actual, target, and projected resources, costs, and revenues?
• What are the portfolio, proposal, and scenario details?
• What is the total of projected direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?
• What are the requirements related to a given concept?
• What is the count of concepts aging greater than 90 days?
• What is the count of concepts by draft, approved, and converted statuses?
• When was an idea last updated or voted on?
• What are the projected and actual production labor costs by cost category?
• Which product portfolio is at risk?
• What are the counts of requirements specifications within 30, 60, 90, and 90 plus timeframes?
• How many ideas are in each state?
• What are the projected and actual revenues by revenue category?
• What is the investment return of a particular product portfolio?
• What is the count of ideas related to a concept?
• How long have ideas been aging?
• What are the three worst overallocated resource pools?
• What are the actual and projected development, labor, material, and fixed costs?
• Which customers or users have posted ideas?
• What are the product assessment scores relative to the market alignment, impact, competitive advantage, and supply chain fit?
• What are the projected vs. actual revenue, cost, and margins for each product proposal?
• What are the projected and actual development and production costs?
• How do various products in the scenario compare based on a market vs. strategic fit?
• What are the counts for related ideas, concepts, or proposals?
• What is the strategic fit of each product in the portfolio based on qualities such as alignment and impact?
• What is the breakdown of portfolios by business unit and by product line across a specified time?
• What is the product and market attractiveness strategic fit? Is it aligned to the market?
• What are the counts of requirements in draft, pending, and approved statuses?
• What is the deviation in absolute numbers and in percentage?
• What state are ideas in?
• What is the resource pool status over time?
• What are the investment return, payback period, and probability of success over a period of time?
• What is the time required to launch a specific product portfolio?
• What is the average age of requirements?

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

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 - Resource Usage Real Time
• Manufacturing - Work Order Performance Real Time

Business Questions

This job role secures access to data that can answer the following business questions:

• How many quantities are open?
• What is the total number of work orders on hold or unreleased?
• What is the transaction quantity during actual production?
• What are the material usage required quantity vs. actual quantity used?
• What is the primary quantity during actual production?
• What are the material issued, returned, and negative quantities?
• How many production exceptions are open?
• What are the planned resource vs. actual usage?
• What percentage of work orders were scrapped and rejected?
• What is the usage quantity variance?
• What is the aging time for work orders?
• What is the total number of rework and transform 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?

Quality Analyst

Code Name

ORA_ENQ_QUALITY_ANALYST_JOB

Duty Roles

This job role is related to the following duty roles:

• Quality Inspection Results Transaction Analysis Duty

Subject Areas

This job role secures access to the following subject areas:

• Quality - Quality Inspection Results Real Time
Business Questions

This job role secures access to data that can answer the following business questions:

- What is the total count of inspections completed?
- What are the accepted and rejected rates?
- What is the total count of inspection results?
- What is the total inspection quantity?
- What is the average inspection cycle time?
- What is the total count of samples accepted or rejected during inspections?

Quality Engineer

Code Name

ORA_ENQ_QUALITY_ENGINEER_JOB

Duty Roles

This job role is related to the following duty roles:

- Quality Inspection Results Transaction Analysis Duty

Subject Areas

This job role secures access to the following subject areas:

- Quality - Quality Inspection Results Real Time

Business Questions

This job role secures access to data that can answer the following business questions:

- What is the total count of inspections completed?
- What are the accepted and rejected rates?
- What is the total count of inspection results?
- What is the total inspection quantity?
- What is the average inspection cycle time?
- What is the total count of samples accepted or rejected during inspections?
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 of an item are due today or tomorrow?
• What shipments are closed for a sold-to customer?
• Which shipments are late to the inventory organization?

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

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:

- What are the key recommendations that a planner needs to implement?
- 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?
- Which supply orders are needed for meeting the demands for a specific set of end demands?
- Which items and what quantities are needed for meeting the demands for 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 supplier site for a consigned inventory?**
• **What are the cycle counts by ABC assignment groups?**
• **What is the count of in-transit advance shipment notice lines by supplier?**
• **What shipments of an item are due today or tomorrow?**
• **What are the inventory cycle counts in a specific count sequence, such as recounts, rejected, or approved?**
• **What are the transactions for a given item in an inventory organization for a given day?**
• **What are the distinct subinventories within a given inventory organization?**
• **What are the receipt amounts?**
• **How do the unordered receipts compare to purchase orders?**
• **What shipments are closed for a sold-to customer?**
• **Which shipments are late to the inventory organization?**
• **What are the real-time supply quantities by supply type and destination type?**
• **What is the returned quantity by item and inventory organization?**
• **What is the count of purchasing receipt lines by item and inventory organization?**
• **What are the ABC classification cumulative values?**
• **What are the current on-hand quantities by item, inventory organization, and subinventory?**
• **What percentage of variance is hit-and-miss?**
• **What are the current in-transit inventory quantities by item and inventory organization?**
• **What are the distinct locators within a subinventory?**
• **What is the total shipped quantity of in-transit inventory between a source inventory organization and a destination inventory organization?**
• What is the total in-transit quantity for a given inventory organization as of today?
• What percentage of the shipped quantity for an item has been received into inventory at a receiving inventory organization?
• What are the ABC assignment quantities and item values?
• What are the receipt quantities in various states, such as accepted, rejected, delivered, returned, shipped, and actual-received?
• What are the transaction quantity and actual received quantity by item and by receiving inventory organization?
• What are the transfer order quantities by transaction type for the source and destination locations?
• What are the ABC classification set quantities and values?
• What percentage of the on-hand quantity is consigned?
• What are the adjustment value tolerances?
• What is the inventory transaction quantity by transaction type for a given inventory organization?
• What is the shipped quantity by carrier?
• What is the interorganization count of receipts?
• What are all the transfer orders, with header and line information, for an item in an 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 - COGS and Gross Margin Real Time

Business Questions

This duty role secures access to data that can answer the following business questions:

- What is the cost of goods sold across business units for a given item?
- What is the gross margin by business unit for a fiscal quarter?
- What is the breakdown of the cost of goods sold by cost element?
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 - Inventory Valuation Real Time
- Costing - Item Cost Real Time
- Costing - Landed Costs Real Time
- Costing - Overhead Rates Real Time
- Costing - Resource Rates Real Time
- Costing - Where Used Details Real Time
- Costing - Work Order Costs Real Time

Business Questions

This duty role secures access to data that can answer the following business questions:

- Which assembly’s cost is impacted by the change in cost of a particular component?
- Which cost accounting transactions are not accounted for or transferred to the general ledger for a cost accounting period?
- What is the current accounted on-hand inventory by item and by inventory organization?
- What is the current material cost for an item in a given cost organization?
- What are the estimated and actual charges for materials by item detail?
- What are the estimated and actual costs for work orders?
• What are the transportation costs for work orders?
• What is the profit in inventory by cost analysis group?
• 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 is the actual cost associated with acquiring items, which includes insurance, transportation, handling, storage, container, and import or export charges?
• What are the total indirect costs per category and unit?
• What is the account balance amount by cost transaction type for a given cost organization and cost book?
• What percentage of the total cost in a given cost organization is overhead cost?
• What are the line item costs per work order per product?
• What are the details for a costed bill of materials of a rollup assembly product?
• What are the transaction details for the transactions that are not processed or interfaced to costing for a cost accounting period?
• What is the total value of inventory costed by inventory organization?
• What are the resource rates per name, type, scenario, and unit?
• What is the cost account balance by cost accounting distribution and journal line type?
• What are the planned vs. actual work hours charged per work order?

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 is the supplier site for a consigned inventory?
• What are the cycle counts by ABC assignment groups?
• What are the inventory cycle counts in a specific count sequence, such as recounts, rejected, or approved?
• What are the transactions for a given item in an inventory organization for a given day?
• What are the distinct subinventories within a given inventory organization?
• What are the real-time supply quantities by supply type and destination type?
• What are the ABC classification cumulative values?
• What are the current on-hand quantities by item, inventory organization, and subinventory?
• What percentage of variance is hit-and-miss?
• What are the current in-transit inventory quantities by item and inventory organization?
• What are the distinct locators within a subinventory?
• What are the ABC assignment quantities and item values?
• What are the transfer order quantities by transaction type for the source and destination locations?
• What are the ABC classification set quantities and values?
• What percentage of the on-hand quantity is consigned?
• What are the adjustment value tolerances?
• What is the inventory transaction quantity by transaction type for a given inventory organization?
• What are all the transfer orders, with header and line information, for an item in an inventory organization?

Maintenance 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:

• Maintenance Management - Asset Real Time
• Maintenance Management - Material 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 daily resource requirements?
• What are the maintenance work orders scheduled today?
• What is the average cycle time for work orders?
• What materials are required to execute maintenance work orders scheduled today?
• What is the material usage variance?
• What is the quantity of resource returned?
• What is the resource usage variance?
• What maintenance work orders were completed today?
• What materials and resources were transacted today?
• What is the quantity of material usage issued?
• What are the actual vs. planned resource usage quantities per product and work order?
• How many work orders have been open for one, three, seven and seven plus days?
• What is the quantity of returned material?
• What is the total number of work orders past due, unreleased, and on hold?
• What is the issued quantity of resource usage?
• What are the actual vs. planned material usage quantities per product and per work order?

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 - 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 total number of work orders on hold or unreleased?
- What is the transaction quantity during actual production?
- What are the material usage required quantity vs. actual quantity used?
- What is the primary quantity during actual production?
- What are the material issued, returned, and negative quantities?
- How many production exceptions are open?
- What are the planned resource vs. actual usage?
- What percentage of work orders were scrapped and rejected?
- What is the usage quantity variance?
- What is the aging time for work orders?
- What is the total number of rework and transform 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?

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 - Fulfillment Lines Real Time
- 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 complete a task?
- How long does it take to process and fulfill an order?
- Which orders are in jeopardy? What are the jeopardy reasons?
- How many tasks are active?
- What are the on-time fulfillment lines for orchestration orders?
- What are the past-due fulfillment lines for orchestration orders?
- What are the actual vs. planned completion processing times of orders?

Order Holds Transaction Analysis Duty

Code Name
FBI_ORDER_HOLDS_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 Holds Real Time**

**Business Questions**

This duty role secures access to data that can answer the following business questions:

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

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

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 - Fulfillment Lines Real Time
• 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:

• How long does it take to complete a task?
• How many orders are on hold by category, item, or customer?
• How long does it take to process and fulfill an order?
• What is the value of on-time orchestration orders for a selected status?
• What are the price adjustment discount amounts?
• What is the current status for each order line?
• What are the price adjustment cost amounts?
• Which orders are in jeopardy? What are the jeopardy reasons?
• What are the price adjustment charge amounts?
• What is the number of orchestration orders for a selected time period?
• How much time is required to resolve an on-hold order?
• When are my orders scheduled to ship?
• When did I fulfill my orders?
• How many tasks are active?
• What are the on-time fulfillment lines for orchestration orders?
• What are the past-due fulfillment lines for orchestration orders?
• What is the actual shipped date?
• What are the actual vs. planned completion processing times of orders?

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 Line Real Time
• Product Management - Change Order Real Time
• Product Management - Components Real Time
• Product Management - Cross Reference Item Real Time
• Product Management - Item Revisions Real Time
• Product Management - Item Supplier Uploads Real Time
• Product Management - New Item Request Line Real Time
• Product Management - New Item Request 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:

• **What are the change orders pending approval?**
• **What is the count of records with cross-referenced item numbers for a given category?**
• **What are the different structures by structure type for a given item?**
• **What assemblies may be impacted if changes are made to an item?**
• **What is the average correction time per supplier?**
• **What are the new item requests pending approval?**
• **What is the count of cross-referenced items by cross-reference type?**
• **What are the count and percentage of products per supplier in various states, such as created, rejected, requiring corrections, and imported?**
• **What is the average cycle time by new item request priority?**
• **What components make up an item?**
• **What is the average age of change orders by change order type?**
• **What is the count of rejected items by item type and item class?**
• **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 are the different related items by trading partner type for a given item?**
• **What is the count of change order lines by change order status?**
• **What are the counts of change order lines by item, category, and catalog?**
• **What are the approved items for an organization?**
• **What is the average time between supplier product submission and corresponding master item creation?**
• **What are the related items by related item type for a given item?**
• **What is the count of new item request lines requested this month?**
• **What is the effectivity for a given item structure?**
• **What is the current count of change orders by approval status?**
• **What is the number of products by category, by upload, and without attachments per supplier?**
• **How many new item requests have been rejected for an item?**
• **What are the corresponding source system items by source system type for a given item?**
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 total of 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 is the count of proposals related to requirement specifications?
- What is the count of requirement dependencies and impacts at the requirement specifications state?
- What is the total count of requirements?
- What is the total of projected direct and indirect costs for a specific product portfolio? Is it aligned to budget and revenue targets?
- What are the requirements related to a given concept?
- What is the count of concepts aging greater than 90 days?
• What is the count of concepts by draft, approved, and converted statuses?
• When was an idea last updated or voted on?
• Which product portfolio is at risk?
• What are the counts of requirements specifications within 30, 60, 90, and 90 plus timeframes?
• How many ideas are in each state?
• What is the investment return of a particular product portfolio?
• What is the count of ideas related to a concept?
• How long have ideas been aging?
• Which customers or users have posted ideas?
• 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 counts for related ideas, concepts, or proposals?
• What is the product and market attractiveness strategic fit? Is it aligned to the market?
• What are the counts of requirements in draft, pending, and approved statuses?
• What state are ideas in?
• What is the time required to launch a specific product portfolio?
• What is the average age of requirements?

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 total revenue, total cost, and total margin of the scenario?
• What are the actual, target, and projected resources, costs, and revenues?
• What are the portfolio, proposal, and scenario details?
• What are the projected and actual production labor costs by cost category?
• What are the projected and actual revenues by revenue category?
• What are the three worst overallocated resource pools?
• What are the actual and projected development, labor, material, and fixed costs?
• What are the product assessment scores relative to the market alignment, impact, competitive advantage, and supply chain fit?
• How do various products in the scenario compare based on a market vs. strategic fit?
• What are the projected and actual costs by portfolio and lifecycle phase?
• What is the strategic fit of each product in the portfolio based on qualities such as alignment and impact?
• What is the breakdown of portfolios by business unit and by product line across a specified time?
• What is the deviation in absolute numbers and in percentage?
• What is the resource pool status over time?
• What are the investment return, payback period, and probability of success over a period of time?

**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 total revenue, total cost, and total margin of the scenario?
- What are the actual, target, and projected resources, costs, and revenues?
- What are the portfolio, proposal, and scenario details?
- What are the projected and actual production labor costs by cost category?
- What are the projected and actual revenues by revenue category?
- What are the three worst overallocated resource pools?
- What are the actual and projected development, labor, material, and fixed costs?
- What are the product assessment scores relative to the market alignment, impact, competitive advantage, and supply chain fit?
- How do various products in the scenario compare based on a market vs. strategic fit?
- What is the strategic fit of each product in the portfolio based on qualities such as alignment and impact?
- What is the breakdown of portfolios by business unit and by product line across a specified time?
- What is the deviation in absolute numbers and in percentage?
- What is the resource pool status over time?
- What are the investment return, payback period, and probability of success over a period of time?

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 portfolio, proposal, and scenario details?
- What are the projected and actual production labor costs by cost category?
- What are the projected and actual revenues by revenue category?
- What are the three worst overallocated resource pools?
- What are the actual and projected development, labor, material, and fixed costs?
- What are the product assessment scores relative to the market alignment, impact, competitive advantage, and supply chain fit?
- What is the breakdown of portfolios by business unit and by product line across a specified time?
- What is the resource pool status over time?
- What are the investment return, payback period, and probability of success over a period of time?

Quality Inspection Results Transaction Analysis Duty

Code Name

FBI_QUALITY_INSPECTION_RESULTS_TRANSACTION_ANALYSIS_DUTY

Job Roles
This duty role is related to the following job roles:

- Quality Analyst
- Quality Engineer

Subject Areas

This duty role secures access to the following subject areas:

- Quality - Quality Inspection Results Real Time

Business Questions

This duty role secures access to data that can answer the following business questions:

- What is the total count of inspections completed?
- What are the accepted and rejected rates?
- What is the total count of inspection results?
- What is the total inspection quantity?
- What is the average inspection cycle time?
- What is the total count of samples accepted or rejected during inspections?

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:

• Which receipt accounting transactions are not accounted or transferred to the general ledger for a general ledger accounting period?
• What are the transaction details for the transactions that are not processed or interfaced to receipt accounting for a general ledger 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 is the purchase order receipt transaction amount by receipt account distribution and receipt accounting transaction details?
• What is the ledger amount by line type for receipt account distributions?

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 count of in-transit advance shipment notice lines by supplier?
- What are the receipt amounts?
- How do the unordered receipts compare to purchase orders?
- What is the returned quantity by item and inventory organization?
- What is the count of purchasing receipt lines by item and inventory organization?
- What is the total shipped quantity of in-transit inventory between a source inventory organization and a destination inventory organization?
- What is the total in-transit quantity for a given inventory organization as of today?
- What percentage of the shipped quantity for an item has been received into inventory at a receiving inventory organization?
- What are the receipt quantities in various states, such as accepted, rejected, delivered, returned, shipped, and actual-received?
- What are the transaction quantity and actual received quantity by item and by receiving inventory organization?
- What is the shipped quantity by carrier?
- What is the interorganization count of receipts?

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:

- Materials Planner
- Supply Chain Planner

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:

- What are the key recommendations that a planner needs to implement?
- 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?
- Which supply orders are needed for meeting the demands for a specific set of end demands?
- Which items and what quantities are needed for meeting the demands for a specific end demand?