

# Oracle® Retail Analytics and Planning Applications

## Release Readiness Guide



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# Preface

This guide outlines the information you need to know about the Oracle Retail Analytics and Planning applications that have new or improved functionality in this update, and describes any tasks you might need to perform for the update. Each section includes a brief description of the feature, the steps you need to take to enable or begin using the feature, any tips or considerations that you should keep in mind, and the resources available to help you.

## Audience

This document is intended for the users and administrators of the Oracle Analytics and Planning applications.

## Documentation Accessibility

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- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

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Oracle Retail product documentation is available on the Oracle Help Center at <https://docs.oracle.com/en/industries/retail/index.html>.

(Data Model documents can be obtained through My Oracle Support.)

## Comments and Suggestions

Please give us feedback about Oracle Retail Help and Guides. You can send an e-mail to: [retail-doc\\_us@oracle.com](mailto:retail-doc_us@oracle.com)

## Oracle Retail Cloud Services and Business Agility

Oracle Retail Analytics and Planning applications are hosted in the Oracle Cloud with the security features inherent to Oracle technology and a robust data center classification, providing significant uptime. The Oracle Cloud team is responsible for installing, monitoring, patching, and upgrading retail software.

Included in the service is continuous technical support, access to software feature enhancements, hardware upgrades, and disaster recovery. The Cloud Service model helps to free customer IT resources from the need to perform these tasks, giving retailers greater business agility to respond to changing technologies and to perform more value-added tasks focused on business processes and innovation.

Oracle Retail Software Cloud Service is acquired exclusively through a subscription service (SaaS) model. This shifts funding from a capital investment in software to an operational expense. Subscription-based pricing for retail applications offers flexibility and cost effectiveness.

# 1

## Noteworthy Enhancements

This guide outlines the information you need to know about new or improved functionality in the Oracle Retail Analytics and Planning applications update and describes any tasks you might need to perform for the update. Each section includes a brief description of the feature, the steps you need to take to enable or begin using the feature, any tips or considerations that you should keep in mind, and the resources available to help you.

### Column Definitions

- **Feature:** Provides a description of the feature being delivered.
- **Module Impacted:** Identifies the module impacted associated with the feature, if any.
- **Scale:** Identifies the size of the feature. Options are:
  - **Small:** These UI or process-based features are typically comprised of minor field, validation, or program changes. Therefore, the potential impact to users is minimal.
  - **Medium:** These UI or process-based features are typically comprised of field, validation, or program changes. Therefore the potential impact on users is moderate
  - **Large:** These UI or process-based features have more complex designs. Therefore, the potential impact to users is higher.
- **Delivered:** Is the new feature available for use immediately after upgrade or must the feature be enabled or configured? If no, the feature is non-disruptive to end users and action is required (detailed steps below) to make the feature ready to use.
- **Customer Action Required:** You must take action before these features can be used. These features are delivered disabled and you choose if and when to enable them.

Feature	Module Impacted	Scale	Delivered	Customer Action Required?
<b>Analytics and Planning (RAP)</b>				
<a href="#">Integration and Interface Updates</a>	Analytics and Planning	Medium	Yes	No
<a href="#">Product and Organization Hierarchy Configurations</a>	Analytics and Planning	Small	Yes	No
<a href="#">Calendar Hierarchy Flex Attributes</a>	Analytics and Planning	Small	Yes	No
<a href="#">Warehouse Shipments Export</a>	Analytics and Planning	Small	Yes	No
<a href="#">Intraday Fact Loads</a>	Integration	Medium	Yes	No
<b>AI Foundation</b>				
<a href="#">Portfolio Optimization, a New Module for Better Portfolio Distribution</a>	Portfolio Optimization	Medium	Yes	No
<a href="#">Warehouse Hierarchy Data</a>	Batch Processing	Medium	Yes	No

Feature	Module Impacted	Scale	Delivered	Customer Action Required?
<a href="#">Pre-Pack Optimization, a New Module that Recommends Optimal Pre-Pack Configurations</a>	Pre-Pack Optimization	Medium	Yes (available based on user role)	Yes – user roles with SIZE_PROFILE_OPT_JOB will have access to the functionality
<a href="#">Using Warehouse Shipments as Part of the Forecasting Process</a>	AI Foundation	Medium	Yes	No
<a href="#">Oracle Digital Assistant Updates</a>	AI Foundation	Medium	Yes	No
<b>Inventory Planning Optimization (IPO) Cloud Service</b>				
<a href="#">Simple Pack</a>	Inventory Planning	Large	Yes	No
<a href="#">Shortfall Priorities by Product/Store</a>	Inventory Planning	Large	Yes	Yes
<a href="#">Excess Push</a>	Inventory Planning	Large	Yes	No
<a href="#">PO Approval by Supplier Min Constraint</a>	Inventory Planning	Medium	No	Yes
<a href="#">GenAI-Powered Features</a>	Inventory Planning	Small	Yes	No
<b>Lifecycle Pricing Optimization (LPO) Cloud Service Enhancements</b>				
<a href="#">LPO Regular Lite: Rules Based Regular Pricing Optimization</a>	LPO - Regular	Large	Yes	Yes. Set the RSE_CONFIG.PRO_LPO_REGULAR_LITE_ENABLED_FLG to 'Y' to activate LPO Rules-Based Regular Pricing Optimization.
<a href="#">LPO Regular: Forecast and Non-Forecast Rules</a>	LPO - Regular & Rules Management	Medium	Yes	No
<a href="#">LPO Regular: Applied Rules and Violation Info in Contextual Panel</a>	Manage LPO Recommendation - Regular	Low	Yes	No
<a href="#">LPO Regular: Pack Pricing Rules</a>	LPO - Regular & Rules Management	Low	Yes	No
<a href="#">Manage LPO Recommendation: GenAI - Explainability</a>	Manage LPO Recommendation	Medium	Yes	No
<a href="#">LPO Run Overview: Compare Runs</a>	Run Overview	Medium	Yes	No
<a href="#">Promo/Mkdn Run: 'Allocate Budget' Moved to Rules Screen</a>	Promo/Mkdn Run	Medium	Yes	Yes
<a href="#">QBE in Strategy Overview and Rules Management</a>	Control and Tactical Center	Low	Yes	No



Feature	Module Impacted	Scale	Delivered	Customer Action Required?
<a href="#">Enhanced LPO User Guide</a>	LPO User Guide Documentation	Large	Yes	No
<b>Retail Insights Cloud Service Enhancements</b>				
<a href="#">Variance Percent Metrics</a>	Reporting	Medium	Yes	No
<a href="#">Regular Price Optimization Rules</a>	Reporting	Small	Yes	No
<a href="#">Assortment Groups</a>	Reporting	Small	Yes	No
<a href="#">Optimized History</a>	Reporting	Small	Yes	No
<a href="#">Generic Catalog Management Groups</a>	Reporting	Small	Yes	No
<b>Retail Predictive Application Server Cloud Edition Server Enhancement</b>				
<a href="#">Improved Ranksort Functionality</a>	RPAS	Small	Yes	No
<a href="#">Calendar Hierarchy: Alternate Rollup Support using Flex Fields</a>	PDS	Small	Yes	No
<b>Retail Predictive Application Server Cloud Edition Client Enhancements</b>				
<a href="#">Excel Import Errors: Enhanced Feedback</a>	RPAS UI	Small	Yes	No
<a href="#">Sort Icon Moved to the Left of the Header</a>	RPAS UI	Small	Yes	No
<a href="#">ODA Show/Hide – User Preference</a>	RPAS UI	Small	Yes	No
<b>Configuration Tools Enhancements</b>				
<a href="#">Configuration Tools TaskList: Flags Unpublished GA Measures in Custom Rules/Solutions</a>	Config Tools	Small	Yes	No
<a href="#">Apply Pattern Dialog: Resizable for Better Usability</a>	Config Tools	Small	Yes	No
<b>Assortment Planning Cloud Service Enhancement</b>				
<a href="#">Enhanced Assortment Planning: Smarter, More Intuitive, and Powered by AI</a>	Assortment Planning	Large	Yes	Yes
<b>Merchandise Financial Planning Cloud Service Enhancement</b>				
<a href="#">Merchandise Financial Planning Integration with Portfolio Optimization</a>	MFP	Medium	Yes	No

## Analytics and Planning Enhancements

## Integration and Interface Updates

This release of Retail Analytics and Planning (RAP) applications includes the following updates to data integrations and commonly used batch programs in the AIF DATA batch schedule:

- All ad hoc ZIP file processing jobs (such as REPROCESS\_ZIP\_FILE\_UNLOAD\_JOB and HIST\_ZIP\_FILE\_UNLOAD\_JOB) will now fail if the ZIP file contains any folders, as folders are not allowed in AIF DATA file processing. A folder in an AIF DATA zip file (such as RAP\_DATA\_HIST.zip) typically means the ZIP is malformed and will not have the files necessary to proceed with your data load activity. Prior to this change, the program would complete without error, but later steps in the process would fail because data files could not be located within the ZIP file.
- BATCH\_RUN\_NIGHTLY\_JOB should be enabled by default and is a required program for all customers. This job is related batch execution tracking and maintenance.
- W\_RTL\_CLSTR\_HDR\_D\_JOB has a new load method. Previously, it was loading data incrementally with no ability to delete or close old records. It now performs full loads with automatic deactivation of old records, which is comparable to how other similar interfaces were already working.
- W\_RTL\_PROMO\_D\_JOB has a new load method. Previously, it was inserting overlapping promotion records if a promotion dropped out of the data but was reintroduced later with the same IDs and start/end dates. The load will now reopen the original record and update it instead of inserting a second record. This only applies to full snapshot loads; incremental loads are not affected.
- ETLREFRESHGENSDE\_JOB has been modified to only consider RDE jobs when checking the status in C\_LOAD\_DATES table for the latest batch run, instead of checking all jobs regardless of type. This job must be enabled for customers using RDE to extract data from MFCS.
- ETL\_REFRESH\_RI\_JOB has been added to the schedule to check all non-RDE jobs in the AIF DATA schedule for errors in the C\_LOAD\_DATES table, and this job is enabled by default and required for all customers. This job replaces ETL\_REFRESH\_JOB which is no longer in the batch schedule.
- A new field from MFCS for the Selling Phase Start Date has been incorporated fully into the inventory position integration with RAP, including extract program RDE\_EXTRACT\_FACT\_P7\_INVILDSDE\_JOB, file load programs W\_RTL\_INV\_IT\_LC\_DY\_FS\_JOB and STG\_SI\_INVENTORY\_JOB, and data warehouse programs such as W\_RTL\_INV\_IT\_LC\_DY\_F\_JOB. This does not include any downstream usage of the new field, only the integration and data warehouse updates.
- RDE\_EXTRACT\_DIM\_P1\_PRDITMLSDE\_JOB is enhanced to include style lists in addition to SKU lists, which is done by spreading the styles down to SKU level and then loading them to RI to be used in existing reporting functionality.
- RDE\_EXTRACT\_FACT\_P3\_POONORDILDSDE\_JOB has been enhanced to configure which exchange rate dates are used to convert purchase order currency amounts. By default, it will use the current behavior of converting on the current business date, but changing the configuration option PO\_EXCHANGE\_DT\_TYPE to a value of A will allow it to use the PO approval date instead. W\_RTL\_PO\_ONORD\_IT\_LC\_DY\_F\_JOB was also modified to support dynamically selecting the exchange rate based on the date specified.
- RDE\_EXTRACT\_FACT\_P3\_POONORDILDSDE\_JOB has been enhanced to configure if pack item orders should be extracted at their original item level or exploded down to component item level. By default, the current behavior is maintained, which converts all orders into their

component items. If pack items are required for downstream application usage, then the parameter PO\_PACK\_LEVEL\_IND must be updated to a value of Y.

- W\_RTL\_PRICE\_IT\_LC\_DY\_F\_JOB now maintains two new calculated fields for prior base cost (amount and date). These fields are derived from cost changes on the field BASE\_COST\_AMT\_LCL. When the value changes on the incoming data, the prior value in the data warehouse is captured along with the date it changed.
- W\_PDS\_PRODUCT\_D\_JOB and W\_PDS\_ORGANIZATION\_D\_JOB have been enhanced with multiple configuration options to control inclusion/exclusion of hierarchy IDs from the hierarchy labels. By default, all new options will maintain the current extract behavior.
- W\_RTL\_PLAN5\_PROD5\_LC5\_T5\_FS\_SDE\_JOB has been enhanced with a configuration option RI\_PLAN5\_SOURCE that allows you to select the AP export table to use for the integration. By default, it will continue to use AP\_PLAN1\_EXP, but you may change it to use AP\_PLAN2\_EXP or AP\_PLAN3\_EXP if those tables will contain the data you need to extract instead.

This release also includes the following notable additions to common batch processes in the AIF APPS batch schedule.

- RSE\_CHECK\_POST\_INSTALL\_RUN\_JOB is a new maintenance program that will be enabled by default for all customers. It is used to monitor certain background activities which occur after application patching and should not be disabled.
- A new set of location hierarchy jobs has been added with prefix RSE\_WH, such as RSE\_WH\_HIER\_LOAD\_JOB. These jobs are used to build and maintain certain warehouse hierarchy data used within AIF applications and should be kept enabled for most customers.
- RSE\_PL\_PROMO\_HIER\_LOAD\_JOB is a new job for managing the promotion hierarchy data for forecasting usage. It populates table RSE\_PL\_PROMO\_HIER during the nightly batch. The existing RSE\_PROMO\_OFFER\_EXPORT\_PROCESS has a new dependency added on this program.
- RSE\_FLEX\_GROUP\_DTL\_DEFAULT\_LIFECYCLE\_STG\_JOB and RSE\_FLEX\_GROUP\_DTL\_CUSTOM\_STG\_JOB are added to the existing flex group load process to provide additional ways to generate flex groups for forecasting. These should be disabled if flex groups are already being loaded from flat files or other means, as they are mutually exclusive with the older load methods and will overwrite the RSE\_FLEX\_GROUP\_DTL\_STG table when run.
- PMO\_ACTIVITY\_WO\_SHIP\_LOAD\_SETUP\_JOB and PMO\_ACTIVITY\_WO\_SHIP\_LOAD\_PROCESS\_JOB are added to process warehouse outbound shipments data for use in certain forecasting methods. They will be enabled by default if you currently use PMO\_ACTIVITY\_WH\_LOAD\_PROCESS\_JOB in your batches.
- New jobs are added with the prefix PRO\_REG for Regular Price Optimization data processing and execution. Some of these jobs may be enabled by default due to existing PRO\_\* or PMO\_\* programs active in your batch schedule, but you may disable them if not using Lifecycle Pricing Optimization for regular pricing decisions.
- New jobs are added with the prefix RSE\_ODA for Oracle Digital Assistant data processing and export activities.

## Product and Organization Hierarchy Configurations

The export of product and organization hierarchies from the data warehouse to Planning (PDS) can be configured to change format options for certain identifiers and labels. To change the

hierarchy format options, you must update the associated parameter in the C\_ODI\_PARAM table from the list below.

- PDS\_ORG\_INCLUDE\_HIER\_ID – Include or exclude organization hierarchy IDs from the labels (at District and above).
- PDS\_ORG\_INCLUDE\_LOC\_ID – Include or exclude the location IDs from the labels at store/warehouse level.
- PDS\_PROD\_INCLUDE\_HIER\_ID – Include or exclude product hierarchy IDs from the labels (at Subclass and above)
- PDS\_PROD\_INCLUDE\_ITEM\_ID – Include or exclude item IDs from the labels.
- ITEM\_PARENT\_DIFF\_SEPARATOR – Change the separator between the item parent ID and differentiator ID.
- ITEM\_PARENT\_DIFF\_DESC\_SEPARATOR – Change the separator between the item parent label and differentiator label.

## Calendar Hierarchy Flex Attributes

A new interface has been added for extending the calendar hierarchy exported to PDS with flex attributes and levels. A new input file CALENDAR\_ALT.csv has been added to the RAP foundation interfaces and it will function similarly to existing hierarchy alternate files for product/location data. The data warehouse table storing this data is W\_RTL\_MCAL\_DAY\_FLEX\_D. The export to W\_PDS\_CALENDAR\_D includes all the fields from this new file automatically if there is data available in the data warehouse table. You may alter your interface configuration in PDS to include these added fields to extend your calendar hierarchy.

## Warehouse Shipments Export

The PDS export for gross sales used by IPO-DF has been enhanced to optionally include warehouse outbound shipments on table W\_PDS\_GRS\_SLS\_IT\_LC\_WK\_A. This requires updating the C\_ODI\_PARAM table parameter PDS\_INCLUDE\_SHIPMENT\_SALES to a value of Y. The warehouse shipments are combined with store sales data but use a retail type code of S to differentiate them. The export to PDS will include historical shipments the first time the interface runs, and new/changed shipments in every run after that (using the same logic as existing sales exports). The source for this data is the W\_RTL\_SHIP\_DETAILS\_D and W\_RTL\_SHIP\_IT\_LC\_DY\_F tables in the data warehouse. Refer to the *RAP Implementation Guide* for the column mapping from the source tables to the target table.

## Intraday Fact Loads

A new standalone flow named RI\_INTRADAY\_FLOW\_ADHOC has been added to the AIF DATA schedule in POM. This process flow enables the intraday loading of a subset of data warehouse subject areas in addition to nightly batch cycles. The intraday flow performs the following high-level steps:

1. Process a RAP\_INTRADAY.zip file containing only the data to be updated intraday (MFCS is not a supported source of intraday data in this release unless implemented as a custom extension).
2. Stage and load the supported intraday dimension and base fact tables (but not aggregates).

3. Capture the intraday records in temporary tables to be used again during nightly batch processing.
4. Capture rejected records from intraday processing for review and correction before the next nightly cycle.

In this release, the following subject areas support intraday processing:

- Inventory Position (current positions only)
- Pricing (current positions only)
- Purchase Orders (dimension and current positions only)
- Allocations (dimension and base fact)
- Shipments (dimension and base fact)

Intraday fact processing allows you to make updates to specific data warehouse tables outside of the nightly batch, while also preserving those changes for automatic inclusion in the next nightly batch cycle without providing the same data again. You could also leverage this data in custom extensions in Innovation Workbench that require more frequent updates. The *AIF Operations Guide* will include complete details on the usage and functionality of the intraday process.

## AI Foundation Cloud Service

### Portfolio Optimization, a New Module for Better Portfolio Distribution

This new module introduced in the AIF Cloud Service provides an AI-driven recommendation for better portfolio distribution. Based on sales history as well as current trends, this AI module takes into consideration various risk approaches and constraints, helping retailers make more informed decisions. It provides insights on the growth trade-off between different product areas. The module results can then be used as an input to Merchandise Financial Planning or just as an ad hoc exercise for financial driven planning analysis.

### Warehouse Hierarchy Data

New programs in the AI Foundation applications (AIF APPS) batch can create and maintain a warehouse hierarchy structure comparable to the one used in Planning applications. The new jobs have the naming prefix of RSE\_WH\* and will populate a new hierarchy type (20) within existing tables such as RSE\_LOC\_HIER and RSE\_LOC\_SRC\_XREF. The new hierarchy data will include the same store data as the standard type (2) plus the added hierarchy levels for warehouses that replicate each warehouse ID and label up to all higher levels of the hierarchy.

### Pre-Pack Optimization, a New Module that Recommends Optimal Pre-Pack Configurations

This new module introduced in the AIF Cloud Service includes the following functionality and more:

- Recommends optimal pre-pack configurations that meet store-specific need while maximizing supply chain efficiencies.

- Considers vendor constraints, size min/max requirements and other common pre-pack related constraints with scenario modeling support.
- Users can learn business impact on changes to constraints.
- Approval process enables users to review and finalize pre-pack configurations with information on benefits from recommended pre-pack configurations.

## Using Warehouse Shipments as Part of the Forecasting Process

AI Foundation was enhanced to use Sales and Warehouse outbound shipments as forecast data sources. This allows the forecast of store and warehouse demand in a single run type, thereby speeding up the forecasting generation and reviewing processes, as well as improving performance and avoiding the overhead of multiple run types

## Oracle Digital Assistant Updates

The Oracle Digital Assistant (ODA) is an AI-powered platform that enables users to interact with various business applications and services through natural conversations via chat interfaces.

In prior updates, this feature was available for new provisioning only. As of this update, ODA is supported for upgrades as well. ODA appears as a chat icon within the UI and requires a specific user role to access it. Specific to the RPASCE Client, ODA is enabled for Merchandise Financial Planning (MFP) and Assortment Planning (AP) applications. Also in this update, there is expanded support in AIF for additional, data-related use cases and enhanced answer formatting with Generative AI. You can access the digital assistant from the chat icon present on various AI Foundation user interface screens. Generative AI features are only available for customers on database version 23ai. If there is an issue accessing ODA, customers are advised to log a service request (SR), so that Oracle can provide a resolution.

## Inventory Planning Optimization (IPO) Cloud Service Enhancements

### Simple Pack

Inventory Planning Optimization will now replenish and distribute non-sellable simple packs. A simple pack is a pack with any multiple of a single-sellable SKU. When defined, simple pack items, and inventory will flow into IPO.

A pack requires a complete supply chain definition, but replenishment is driven from component items. Therefore, packs do not require replenishment rules.

### Shortfall Priorities by Product/Store

When warehouse inventory is less than the need of its destinations, the inventory is shared according to priority groups and inventory boundaries. Priority groups are flexible and could represent any grouping such as store grade. You will assign product/stores a priority group in Rules Management.

Priority groups and fixed inventory boundaries are used to create a matrix that you will configure to define the order in which to satisfy each priority group's inventory level. By default, all stores are prioritized together (treated equally) until you assign priority groups.

## Excess Push

Inventory above need will be pushed out of a warehouse when cross-docking through the warehouse.

A configured surplus priority matrix defines the order in which to satisfy priority groups and inventory levels allowing you a level of control over which stores are best suited to hold and/or sell the excess inventory.

## Purchase Order Approval by Supplier Minimum Constraint

Automatic approval of an IPO-generated purchase order (PO) will now require supplier minimum constraints to be met. When constraints are not met, the PO will require review and manual approval.

When defined, supplier minimum constraints will flow into IPO. Depending on the constraint types, new item/supplier dimension data may be required. UOM conversion factors are also needed when supplier purchase UOMs differ from the supplier minimum constraint UOMs.

## GenAI-Powered Features

GenAI-powered capabilities are now integrated into the IPO screens, enhancing the user experience through features such as explainability, data queries, troubleshooting, and human-in-the-loop interaction.

The GenAI chatbot is accessible from any IPO screen. Users can ask natural language questions such as: "What is the total transfer quantity by subclass?", "Why is there no transfer for a specific item and location?", "What are the replenishment policies for a specific item and location?"

- In addition to answering queries, the chatbot enables users to navigate to different IPO screens, view a summary of the latest recommendations, and approve/export recommendations to Merchandising by selecting appropriate chatbot actions.
- In the Order Detail screen, a contextual panel displays GenAI-powered explanations of recommended replenishment policies and transfer orders. This explainability feature is available for transfer orders in this release.

## Lifecycle Pricing Optimization (LPO) Cloud Service Enhancements

### LPO Regular Lite: Rules Based Regular Pricing Optimization

Introducing LPO Lite, a major addition to LPO - Regular that enables retailers to set regular prices without requiring forecast data. LPO Lite empowers users to make informed, rule-based pricing decisions in scenarios where forecast-driven optimization is neither infeasible nor necessary.



Key highlights include:

- Built as a lightweight pricing mode within the regular pricing workflow, LPO Lite reuses the existing strategy and rules engine while bypassing complex forecast-dependent calculations or inventory projections.
- Regular Lite returns only the item's prices (Ticket, Regular, Original, and Effective) but does not include projected metrics, as forecasting is not used.
- LPO Lite runs can be initiated directly from the LPO application by enabling the configuration flag `RSE_CONFIG.PRO_LPO_REGULAR_LITE_ENABLED_FLG = Y`.
- All pricing recommendations are validated against strategy rules and business constraints, ensuring no conflicts arise between overlapping rules or strategies.
- LPO Lite supports the same Pricing Ladder, Rounding, and Price Points logic used in full LPO, ensuring consistency in pricing decisions across modes.
- Auto-approval rules can be configured, allowing qualified recommendations to be automatically approved after the batch process is executed and sent to pricing execution system.
- LPO Lite uses the same UI, workflow, and approval processes as full LPO, offering a familiar and consistent experience. This ensures a seamless transition for users when switching from LPO Lite to LPO.

## LPO Regular: Forecast and Non-Forecast Rules

Regular Pricing Optimization rules are now labeled as F (Forecast) or N/F (Non-Forecast) to indicate whether they require forecast data. For example, the Revenue rules require forecast data, while the Competitor rules does not. LPO Regular Lite uses only Non-Forecast-based rules, whereas LPO Regular Full uses both Forecast and Non-Forecast-based rules. If a strategy used in a Regular Lite run includes a mix of both, the Forecast-based rules will be ignored.



Markdown	>
Promotion	>
Regular	▼
Competitor and CPI	F 1
Cost Change	N/F 1
Objective	F 0
Inter-Item	N/F 1
Inter-Loc/PZ	N/F 0
Margin for Group	F 0
Margin for Item	F 7
Pack Pricing	N/F 5
Price Range	N/F 6
Revenue for Group	F 0
Revenue for Item	F 5
Pricing Group	N/F 2
Volume for Group	F 0
Volume for Item	F 4

LPO Regular: Applied Rules and Violation Info in Contextual Panel

If a rule is applied to an item, selecting that item and opening the Rules tab in the Contextual Panel for LPO Regular will display the applied rules along with their values, priorities, constraint types (hard/soft), and any violations.

Manage Recomm...Run OverviewLPO: 1768 (Reg)

ScopeRulesResults

DEPT 103-Women's ActivewearCOMPANY 1-Retailer LtdPrice Zone Group 1-PRICE\_ZONE\_GRP\_1Strategy AK N/F Generic StrategyStart Week 2023-05-06End Week 2023-07-29

Revenue \$0Gross Margin \$0Volume 0Regular 217

Last Yr 0%Optimal 0%Last Yr 0%Optimal 0%Last Yr 0%Optimal 0%User 0System 217

ActionsViewFilter OptionsDetachShow No Recom30Price OverrideDate OverrideAccept/Reject

FilterFilterFilter19Filter30019

ImageNote & FlagOvrd StatusCompanyPrice ZoneDepartmentItem

1-Retailer Ltd19-PRICE\_ZONE\_19103-Women's Activewear30019-Compression Crew Neck

Non Forecast RulesN/FForecast Rules

Price Range

PRICE MIN 10200-.50.01

PRICE MAX 40150

LPO Regular: Pack Pricing Rules

Release Readiness Guide  
G36552-02  
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July 30, 2025  
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Full and Lite modes. This enhancement ensures that simple and complex sellable packs are priced based on predefined value rules, offering better value than the sum of individual item prices.

Pack Pricing Rules:

- RPO\_SIMPLE\_PACK\_SELLABLE - Minimum fixed value for simple pack pricing.
- RPO\_SIMPLE\_PACK\_SELLABLE\_PCT - Minimum % value for simple pack pricing.
- RPO\_COMPLEX\_PACK\_SELLABLE - Minimum fixed discount for complex packs.
- RPO\_COMPLEX\_PACK\_SELLABLE\_PCT - Minimum % discount for complex pack.

## Manage LPO Recommendation: GenAI - Explainability

GenAI-powered explanations are now available in the Manage LPO Recommendation screen to help users get answers to key questions like “What are the projected metrics for the item?”, “What rules are applied for this item?”, “Which rules have been violated?”, or “What is the impact of user override actions?”

### Note

GenAI Explainability currently takes up to 10 seconds for LLMs to generate a response.

Rec Status	Tkt Price	Reg Price	Orig Price	Eff Pri
Ready for review	\$36.99	\$36.99	\$49.99	\$27.
Ready for review	\$103.99	\$103.99	\$103.99	\$76.
Ready for review	\$103.99	\$103.99	\$103.99	\$49.
Ready for review	\$103.99	\$103.99	\$103.99	\$49.
Ready for review	\$71.97	\$103.99	\$103.99	\$49.
Ready for review	\$103.99	\$103.99	\$103.99	\$49.
Ready for review	\$65.97	\$103.99	\$94.99	\$49.
Ready for review	\$103.99	\$103.99	\$103.99	\$49.
Ready for review	\$103.99	\$103.99	\$103.99	\$49.
Ready for review	\$42.99	\$42.99	\$53.99	\$27.
Ready for review	\$103.99	\$103.99	\$103.99	\$49.
Ready for review	\$103.99	\$103.99	\$103.99	\$49.
Ready for review	\$103.99	\$103.99	\$103.99	\$49.
Ready for review	\$103.99	\$103.99	\$103.99	\$49.
Ready for review	\$103.99	\$103.99	\$103.99	\$49.
Ready for review	\$103.99	\$103.99	\$103.99	\$49.
Ready for review	\$103.99	\$103.99	\$103.99	\$49.
Ready for review	\$103.99	\$103.99	\$103.99	\$49.
Ready for review	\$103.99	\$103.99	\$103.99	\$49.
Ready for review	\$108.99	\$108.99	\$108.99	\$62.
Ready for review	\$103.99	\$103.99	\$103.99	\$49.
Ready for review	\$103.99	\$103.99	\$103.99	\$49.
Ready for review	\$103.99	\$103.99	\$103.99	\$49.
Dashboards for reviews	\$103.99	\$103.99	\$103.99	\$49.

Note

### Gen AI Explanation

The product **300220\_brown-Ribbed Crew Neck Top:brown** has a **\$36.99** current price, also known as the ticket price. The original price, or full price, is **\$49.99**, and the regular price is also **\$36.99**. The initial inventory for this item is **254,136**, and the inventory for the last actual week is **88,518** units.

### Recommendation

The LPO engine has generated an optimal price recommendation of **\$20.97** for this item, which is a **44%** discount from the original ticket price. This recommendation has been accepted and will result in a **59%** discount from the original price. The effective price, which reflects the user-overridden price, is **\$27.47**, a **26%** discount from the ticket price. This price type is also a **Markdown**, and the effective recommendation type is **Markdown** as well.

### Projected Metrics

Using the recommended price or the user-overridden price, the projected metrics for this item are as follows: **2,924** optimal forecasted sales, **\$80,322.28** in optimal revenue, **\$19,210.68** in optimal gross margin, and **59,857** in optimal remaining inventory. For comparison, using the current price, the projected metrics are **1,575** forecasted sales, **\$58,259.25** in revenue, **\$25,341.75** in gross margin, and **61,206** in remaining inventory.

### Execution Status

The recommendation status is **Ready for review**, indicating that the optimization is complete and awaiting your review. The last execution date was **2025-06-04**, and the recommendation was recalculated on **2025-07-07 by alfdevuser**. The optimization was executed from **2025-06-04 to 2025-07-07**. The user **alfdevuser** provided the comment: **alfdevuser**.

## LPO Run Overview: Compare Runs

The Compare Runs feature is now available for both Promo/Mkdn and Regular runs, is now extended to Promotion and Markdown runs. Users can initiate comparisons directly from the table toolbar by clicking the Compare icon. In the new workflow, users can select a run in 'Ready for Review' status from the 'Compare Runs' window, and the subsequent comparison options are automatically filtered to show only runs from the same department for comparison. The Gen AI explanation includes details like, The Item Information, the price recommendation summary, projected metrics, and execution status for the selected item.

Manage Overview...

Run Overview...

Compare Runs

100 Women's Activewear  
\$035 - Batch for Women's Activewear Retailer Ltd Italy 2023 Summer

Revenue

\$196,528

+ 12%

Gross Margin

\$263,602

-47%

Sell Thru Fcst

-

Promo Item Cnt

10

Mkdn Item Cnt

0

No Rec Item Cnt

-

100 Women's Activewear  
7257 - User RUN for Women's Activewear Retailer Ltd Sweden 1100

Revenue

\$243,375

+ 1%

Gross Margin

\$97,321

-5%

Sell Thru Fcst

793%

+ 1%

Promo Item Cnt

0

Mkdn Item Cnt

10

No Rec Item Cnt

0

100 Women's Activewear  
7262 - User RUN for Women's Activewear Retailer Ltd Netherlands 1100

Revenue

\$632,305

+ 1%

Gross Margin

\$250,127

-4%

Sell Thru Fcst

75%

+ 0%

Promo Item Cnt

0

Mkdn Item Cnt

7

No Rec Item Cnt

2

Finalized

Strategy

DEFAULT\_SET

DEFAULT\_SET

DEFAULT\_SET

Company

1-Retailer Ltd

1-Retailer Ltd

1-Retailer Ltd

Price Zone

10-Italy

22-Sweden

19-Netherlands

Proj Promo Budget (Life)

\$216,656

\$0

\$0

Proj Mkdn Budget (Life)

\$120,423

\$248,074

\$486,963

Non-fcst Item Cnt

-

0

0

Plan Event Item Cnt

0

0

0

Use Ovdrl Item Cnt

0

0

1

Total Item Cnt

10

10

10

Created By

RASED01\_0592495447 - 05/06/24

RASED01\_050625090628 - 05/06/25

RASED01\_050625090628 - 05/06/25

▼ Compare Items

Actions

View

Item	Location	Price Zone	Recom Price: \$635   7257   7262	Tkt1 Price: \$635   7257   7262	Orig Price: \$635   7257   7262	Reg Price: \$635   7257   7262	Opt Revenue: \$635   7257   7262	C
\$020220_brown-Ribbed Crew Neck Top/brown	1-Retailer Ltd	22-Sweden	- \$25.97 -	\$6799 -	- \$4799 -	\$6799 -	\$882.98 -	
\$020220_black-Ribbed Crew Neck Top/brown	1-Retailer Ltd	10-Netherlands	- \$2797 -		\$55.99 - \$4799	\$55.99 -	\$21.98 -	
\$020280_black-Low-Rise Lined Short Ain/black	1-Retailer Ltd	22-Sweden	- \$32.04 -	\$43.97 -	- \$52.99 -	\$52.99 -	\$2,274.84 -	
1003080_black-1 row-Bralet 1 lined Short Ain/black	1-Retailer Ltd	10-Netherlands	- \$10.04 -		\$67.97 - \$60.00	\$60.00 -	\$1,804.56 -	

Manage Revenue...

Run Overview

Compare Runs

X

Plan Event Item Cnt

0

0

0

Use Ovrld Item Cnt

0

0

1

Total Item Cnt

10

10

10

Created By

RASE01\_0502485447 - 05/06/24

RASE01\_050625006628 - 05/06/25

RASE01\_050625006628 - 05/06/25

Compare Items

Actions

View

Item	Location	Price Zone	Recom Price: 3635   7257   7262	Tht Price: 3635   7257   7262	Orig Price: 3635   7257   7262	Reg Price: 3635   7257   7262	Opt Revenue: 3635   7257   7262	C
300220_brown-Ribbed Crew Neck Top/brown	1-Retailer Ltd	22-Sweden	- \$25.97 -	- \$67.99 -	- \$47.99 -	- \$67.99 -	- \$882.98 -	
300220_brown-Ribbed Crew Neck Top/brown	1-Retailer Ltd	19-Netherlands	- \$27.97 -	-	- \$55.99 -	- \$47.99 -	- \$55.99 -	- \$2,025.72 -
300280_black-Low-Rise Lined Short 4in/black	1-Retailer Ltd	22-Sweden	- \$52.04 -	- \$45.97 -	- \$52.99 -	- \$52.99 -	- \$2,274.84 -	
300280_black-Low-Rise Lined Short 4in/black	1-Retailer Ltd	19-Netherlands	- \$52.04 -	-	- \$47.97 -	- \$49.99 -	- \$49.99 -	- \$5,895.36 -
300300_off_white-Turtleneck Top/off_white	1-Retailer Ltd	22-Sweden	- \$29.97 -	- \$60.99 -	- \$55.99 -	- \$60.99 -	- \$1,078.98 -	
300300_off_white-Turtleneck Top/off_white	1-Retailer Ltd	19-Netherlands	- \$24.47 -	-	- \$48.99 -	- \$48.99 -	- \$48.99 -	- \$2,667.25 -
300910_black-Compression Crew Neck T-Short/black	1-Retailer Ltd	22-Sweden	- \$29.97 -	- \$60.99 -	- \$55.99 -	- \$60.99 -	- \$1,078.98 -	
300910_black-Compression Crew Neck T-Short/black	1-Retailer Ltd	19-Netherlands	- \$26.97 -	-	- \$64.99 -	- \$49.99 -	- \$64.99 -	- \$2,228.15 -
300910_green-Graphic V-Neck T-Short/green	1-Retailer Ltd	22-Sweden	- \$19.97 -	- \$75.99 -	- \$56.99 -	- \$75.99 -	- \$75.99 -	- \$2,760.02 -
300910_green-Graphic V-Neck T-Short/green	1-Retailer Ltd	19-Netherlands	- \$15.47 -	-	- \$61.99 -	- \$50.99 -	- \$61.99 -	- \$5,188.43 -
300340_black-V-Neck Cross Back Tank/black	1-Retailer Ltd	22-Sweden	- \$19.94 -	- \$47.97 -	-	- \$53.99 -	- \$53.99 -	- \$898.2 -
300340_black-V-Neck Cross Back Tank/black	1-Retailer Ltd	19-Netherlands	- \$32.97 -	-	- \$52.97 -	- \$46.99 -	- \$46.99 -	- \$0.0 -
301080_black-Running High Waisted Leggings/black	1-Retailer Ltd	22-Sweden	- \$25.04 -	- \$33.97 -	- \$49.99 -	- \$49.99 -	- \$49.99 -	- \$1,076.72 -
301080_black-Running High Waisted Leggings/black	1-Retailer Ltd	19-Netherlands	- \$24.54 -	-	- \$52.97 -	- \$60.99 -	- \$60.99 -	- \$2,993.88 -
300270_black-Mock Neck Top/black	1-Retailer Ltd	22-Sweden	- \$27.04 -	- \$33.97 -	- \$48.99 -	- \$48.99 -	- \$48.99 -	- \$1,541.28 -
300270_black-Mock Neck Top/black	1-Retailer Ltd	19-Netherlands	- \$35.97 -	-	- \$35.97 -	- \$31.99 -	- \$31.99 -	- \$0.0 -
301090_blue-Running Super High Waisted Leggings/blue	1-Retailer Ltd	22-Sweden	- \$26.97 -	- \$58.99 -	- \$54.99 -	- \$58.99 -	- \$58.99 -	- \$916.98 -
301090_blue-Running Super High Waisted Leggings/blue	1-Retailer Ltd	19-Netherlands	- \$23.97 -	-	- \$47.99 -	- \$45.99 -	- \$47.99 -	- \$2,708.65 -
300230_grey-Ribbed V-Neck T-Short/grey	1-Retailer Ltd	22-Sweden	- \$19.97 -	- \$63.99 -	- \$54.99 -	- \$63.99 -	- \$63.99 -	- \$2,078.05 -
300230_grey-Ribbed V-Neck T-Short/grey	1-Retailer Ltd	19-Netherlands	- \$31.47 -	-	- \$59.99 -	- \$50.99 -	- \$59.99 -	- \$5,511.00 -

## Promo/Mkdn Run: 'Allocate Budget' Moved to Rules Screen

The 'Allocate Budget' functionality has been moved from the Scope screen to a new tab within the Rules screen for improved visibility and usability.

## QBE in Strategy Overview and Rules Management

Query By Example (QBE) has been added to all tables across the Control and Tactical Center, including the Strategy Overview and Rules Management screens. This enhancement enables users to easily filter and search within tables for faster navigation and improved usability.

## Enhanced LPO User Guide

The LPO User Guide has been extensively revised to enhance clarity, completeness, and alignment with the current product experience. New screenshots have been added, and existing ones updated to reflect the latest JET UI. Content has been reorganized to support a more logical and seamless flow. The updated guide includes detailed explanations, end-to-end workflow diagrams, UI walkthroughs, and table definitions, providing a comprehensive and user-friendly reference for all users.

## Retail Insights Cloud Service Enhancements

### Variance Percent Metrics

New metrics have been added to RI for calculating variance between two measures and numerous existing variance measures have had formula updates. The format of the new and existing measures has been set specifically for Data Visualization's percent format option. DV will apply an additional scaling factor of 100 automatically when a value is formatted as a percent, so these variance metrics do not have any built-in scaling and use a normal range of 0-1 to represent 0-100%. RI metrics of this type will have the "%" sign in the name, indicating that they should be formatted as a percent in the report.

Existing metrics which have been altered to have the correct scaling factors (removing any built-in scaling) include:

- Gross Profit MTD Var LY (renamed as Gross Profit MTD % Var LY for consistency)
- Gross Profit QTD Var LY (renamed as Gross Profit QTD % Var LY for consistency)
- Net Clr Sales Amt % Var LY

- Store Traffic % Var LY
- EOH Clr Cost % Var LY
- EOH Clr Qty % Var LY
- EOH Clr Retail % Var LY
- EOH Comp Clr Retail % Var LY
- Return Amt % (and all time-based variations)

Other metrics having “%” in their name that are not part of this list already had the correct scaling factor for Data Visualization’s formatting options. Variance metrics without “%” in the name will have a scaling factor in the base formula and should not be displayed as a percent in DV. These metrics are meant to be displayed as numbers (or as a percent in Analytics Classic with no added scaling).

In addition to these changes, the following table summarizes the new metrics added

Functional Area	Summary of Changes
Inventory Position	21 new metrics added, such as In-Transit Qty % Var LY and BOH Qty % Var LY
Inventory Receipts	12 new metrics added, such as Receipts Qty % Var LY and Receipts Retail YTD % Var LY
Inventory Unavailable	18 new metrics added, such as Unavailable EOH Qty % Var LY and Unavailable BOH Qty % Var LY
Markdown	12 new metrics added, such as Pmt Mkdn Qty % Var LY and Emp Mkdn Qty % Var LY
Purchase On Order	1 new metric added for PO Avg Item Unit IMU %
Sales	9 new metrics added, such as Net Profit LW % Var LY and Net Sales Amt LW % Var LY

## Regular Price Optimization Rules

The Regular Price Optimization Rules fact is a new reporting area that displays metrics relating to rules and constraints applied in Regular Price Optimization runs. These metrics specifically focus on rule violations, such as the count of products that exceeded a threshold on revenue or margin impact. The dimensions supported on the fact metrics are Price Optimization Run, Regular Price Optimization Products, and Clusters (which includes price zone data).

## Assortment Groups

A new dimension has been added to RI for Assortment Groups. The Assortment Group dimension defines the combinations of merchandise, stores, and selling periods that make up a specific product assortment. These groups can be integrated directly from the output of the Assortment Planning (AP) application or loaded manually into the input interface. A single assortment group is defined as a level of the merchandise hierarchy (for example, Womenswear Department) combined with a store cluster (for example, Northeast Stores) and a selling period (FY2025 Feb through FY2025 July). Retail Insights will take this information and spread it down to the item/location/week level of detail, and then join it with specific fact data. Assortment groups can currently be used only with Sales and Sales Optimization facts.

You may use them to compare and analyze the differences between your historical sales in the data warehouse and the optimized sales produced by AI Foundation.

This update includes both the data warehouse interfaces and associated reporting objects to access the data. New AIF DATA programs in POM have been added to extract assortment groups from AP\_ASSORT\_GROUP\_EXP to RI tables W\_RTL\_ASSORT\_GRP\_D and W\_RTL\_ASSORT\_GRP\_LC\_D. A new ad hoc process LOAD\_ASSORT\_GROUP\_DATA\_ADHOC has been created to run the AP data extract and RI load programs outside of the nightly batch. If the data comes from non-Oracle sources, then files can be loaded to these tables using W\_RTL\_ASSORT\_GRP\_DS and W\_RTL\_ASSORT\_GRP\_LC\_DS staging table interfaces. The dimensions use Type 1 SCD merge logic for the loads, meaning that incoming data can contain only new/updated records and they will be merged on top of existing data without dropping or closing records.

## Optimized History

A new fact has been added for reporting on the results of the Optimized History process in AI Foundation (AIF). AIF forecasting processes will take the raw sales history data stored in RI and perform optimizations on it to account for various effects on your selling patterns, arriving at an optimized history that shows what could have sold in ideal conditions. The optimized sales data can be passed to AP to improve your plans, but it can also be reviewed in RI alongside your sales history to see what changes were made by AIF to the data. The sales optimization outputs are stored at an intersection of assortment group cluster/item/week. You may use the following RI dimensions with this data: Item As-Is, Business Calendar, Assortment Group. The data is visible only to users having the AP Insights or Science Insights user roles.

## Generic Catalog Management Groups

Retail Insights now supports up to 15 additional generic OCI IAM groups for the purpose of managing catalog security within Oracle Analytics (OAS). These groups are not added to existing OCI IAM tenants. You should create the groups as-needed or raise a service request to Oracle to request that they be added for you. The group names use the format RI\_CATALOG1\_JOB through RI\_CATALOG15\_JOB. Once created and assigned to users, you can use them in OAS to control the access/share permissions on folders and workbooks at group level.

# Retail Predictive Application Server Cloud Edition Server Enhancements

## Improved Ranksort Functionality

The Ranksort procedure now seamlessly integrates output ranks into subsequent calculations, streamlining the process of ranking and sorting input data in ascending or descending order without requiring additional action.

## Calendar Hierarchy: Alternate Rollup Support using Flex Fields

The calendar hierarchy now supports alternate rollups with the addition of flex fields. These fields enable calendar positions to aggregate into alternate rollups, such as events or seasons.



## Retail Predictive Application Server Client Enhancements

### Excel Import Errors: Enhanced Feedback

When importing an Excel file to upload data into the UI, if faulty records are detected, enhanced error messages now specify the actual label and the mismatched label. This enables users to swiftly identify and correct errors, facilitating a seamless reimport process.

### Sort Icon Moved to the Left of the Header

The Sort icon has been relocated to the left of the header, aligning with the latest Oracle UI standards across all Oracle applications.

### ODA Show/Hide – User Preference

Users can now choose to show or hide Oracle Digital Assistant by using the Oracle Assistant Hide/Show Menu as a custom menu in the global header menu.

## Configuration Tools Enhancements

### Configuration Tools TaskList: Flags Unpublished GA Measures in Custom Rules/Solutions

The Configuration Tools TaskList Pane now enhances error detection by flagging and displaying issues when unpublished GA measures are used incorrectly. Specifically, it identifies whether such measures are

### Apply Pattern Dialog: Resizable for Better Usability

The Advanced | Apply Pattern window in the Rule Tool, previously non-resizable, has been updated to allow resizing, addressing usability concerns and providing improved flexibility when working with Configuration Tools.

## Assortment Planning Cloud Service Enhancement

### Enhanced Assortment Planning: Smarter, More Intuitive, and Powered by AI

The enhanced Assortment Planning solution leverages cutting-edge AI-driven insights to revolutionize assortment precision and profitability. By analyzing historical sales data, it predicts trends and refines product selection, ensuring retailers stock the right mix of items at the right time. The system intelligently determines optimal option counts, preventing oversaturation while maintaining a diverse, customer-focused assortment based on attribute



driven analysis. It also provides attribute recommendations, identifying key product characteristics - such as color, size, and material - that resonate with shoppers. Tailored to meet the unique needs of each store, the solution analyzes store group characteristics, regional demand, and customer preferences to curate location-specific assortments. By incorporating demographic insights and localized trends, it optimizes the assortment for maximum engagement and sales conversions, delivering a curated shopping experience that aligns with specific market demands.

With its advanced capabilities, the Assortment Planning solution empowers retailers to make smarter, data-driven decisions, ensuring they stay ahead in a competitive market.

## Merchandise Financial Planning (MFP) Cloud Service and Assortment Planning Cloud Service Enhancements

### Merchandise Financial Planning Integration with Portfolio Optimization

With this release, users can now utilize Portfolio Optimization output in MFP to make decisions for business growth. Users can seed the MFP plans with Portfolio Optimization output to have a base line for initiating the plan. This option is available for the Merch Target and Merch Plan workspace templates.

# 2

## Noteworthy Fixed Issues

For the Noteworthy Resolved Issues document for this release, see the following on My Oracle Support (MOS):

- Oracle Retail Insights Cloud Service and AI Foundation Cloud Services Documentation Library (Doc ID [2539848.1](#)).
- Oracle Retail Predictive Application Server (RPAS) Cloud for Planning and Optimization / Supply Chain Cloud Services Documentation Library (Doc ID [2492295.1](#)).

# 3

## Browser Requirements

### Note

Oracle Retail assumes that the retailer has ensured its Operating System has been patched with all applicable Windows updates.

The following browsers are supported:

- Mozilla Firefox
- Microsoft Edge
- Google Chrome (Desktop)

Microsoft has deprecated Internet Explorer 11 in Windows 10 and recommends using Edge as the default browser. Refer to the [Oracle Software Web Browser Support Policy](#) for additional information.

# 4

## Deprecated Features

As part of the continuous delivery model for cloud services, features and technical components of a solution may be removed or replaced to enhance the security, performance, and overall quality of the cloud service. When this occurs, the deprecation of a feature or component will be announced in advance, allowing Customers sufficient time to anticipate the change and transition to any enhanced replacement feature/component. After the deprecation is announced, the deprecated feature or component will remain in the solution until the planned removal date and will not be enhanced or made compatible with other new features.

For a full list of declared Planning and Supply Chain deprecated features, see Oracle Retail Predictive Application Server (RPAS) Cloud for Planning and Optimization / Supply Chain Cloud Services Documentation Library (Doc ID [2492295.1](#)).

For a full list of declared AI Foundation Cloud Services and Retail Insights Cloud Service deprecated features, see the Oracle Retail Insights Cloud Service and AI Foundation Cloud Services Documentation Library (Doc ID [2539848.1](#)).