East Coast Oracle Users Conference

Eastern States OATUG
ORACLE APPLICATIONS & TECHNOLOGY USERS GROUP

Fusion Data Intelligence Deep Dive

Konstantin Zhernevskiy/Data Intensity

- Expertise
  - OAC, OAS, OBIEE
  - FDI, FAW
  - BI Apps
  - ADW, Kimball, Data vault
  - ODI, CDC, Informatica, Python
  - Fusion, EBS as a sources
  - Cloud Migration & Optimal Data Architecture design
- Frameworks
  - Agile, Scrum
  - PMBOK
  - ITIL

Konstantin Zhernevskiy
Senior DWH Architect
PhD in Economics

DATA INTENSITY

DATA INTENSITY

Oracle Migration & Managed Services Specialists

Autonomous DB
Oracle Databases
E-Business Suite
PeopleSoft, JD Edwards
Analytics, Integration
Exadata
License Review and Management

Full Oracle Stack Support

3,500 Implementations

7,000 Upgrades

16,000 Managed environments

Our Mission

We manage **complex Oracle workloads** on any cloud, delivering high touch, quality service

Architected & migrated **80+** Oracle landscapes to OCI in the past 18 months

Cloud Credentials

Oracle Partner
- 50+ Oracle Specializations
- Cloud Services Provider (CSP)
- Strategic MSP (SMSP)

Microsoft Partner

AWS Partner

Largest independent Oracle Managed Services Provider globally for 20+ years

Right Cloud. Right Licensing. Right Services.

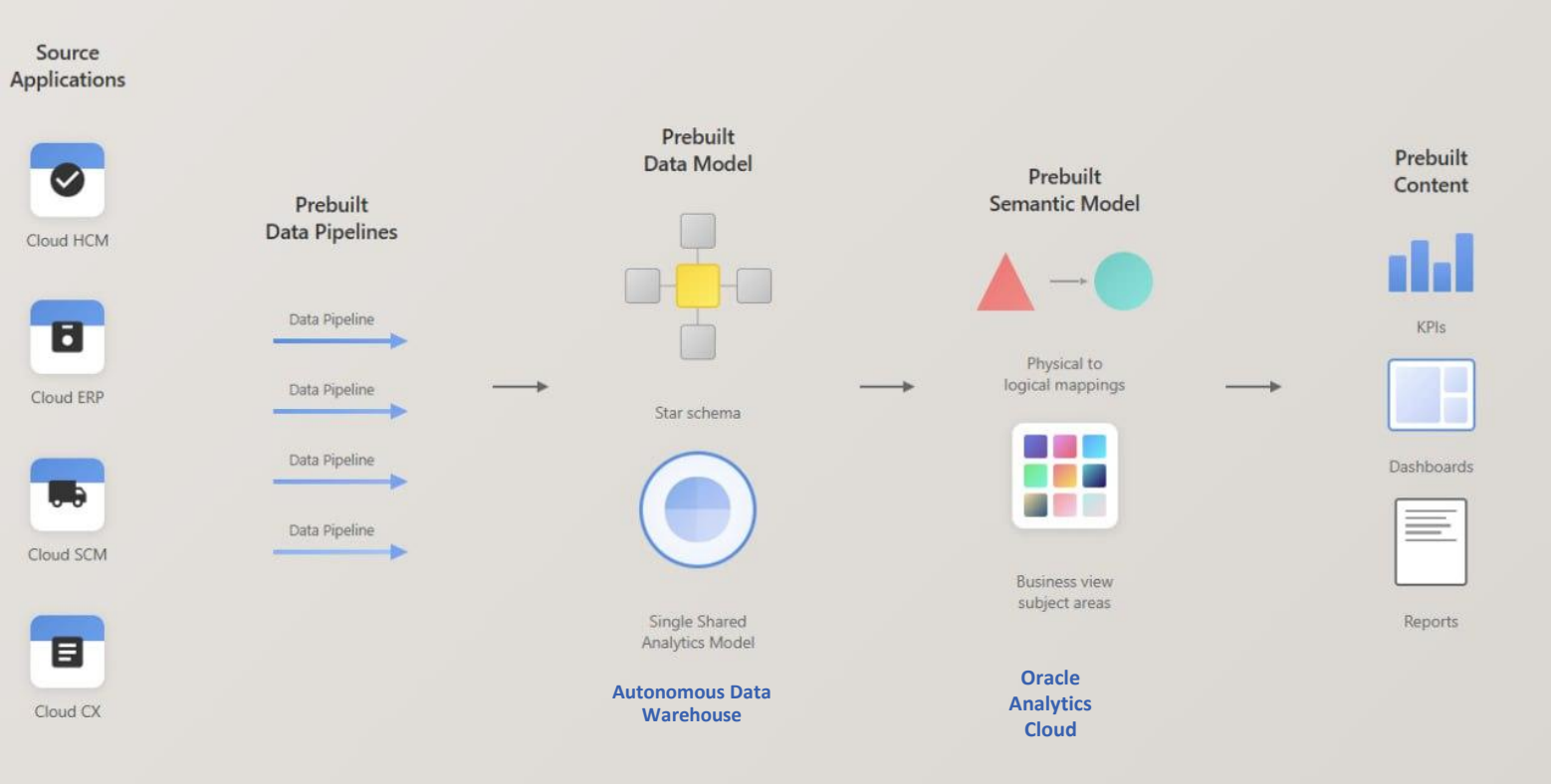
ORACLE | Service Partner

Advanced Expertise in
Oracle E-Business Suite Applications to Oracle Cloud
in North America

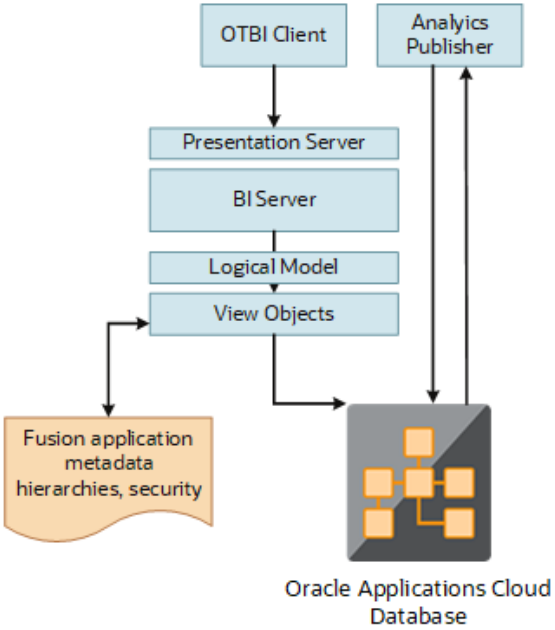
Presentation Overview

- Overview of architecture
- OTBI vs FDI
- FDI Console
- Export/Import/Backup
- Preview Features/GA
- New connections
- Customization
- Data lineage
- Content Explorer
- Users OAX_USER and ADMIN
- Data Validation
- Road Map

FDI Architecture



OTBI – Overview



OTBI vs FDI

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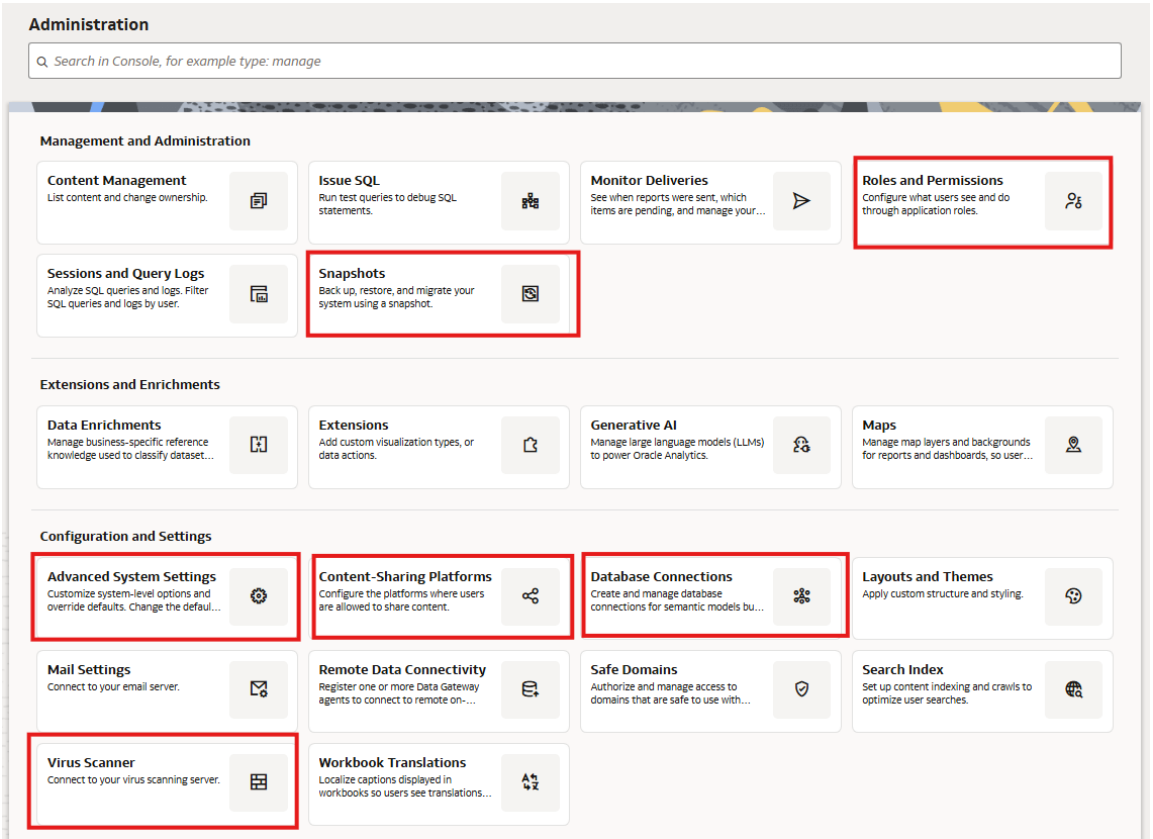
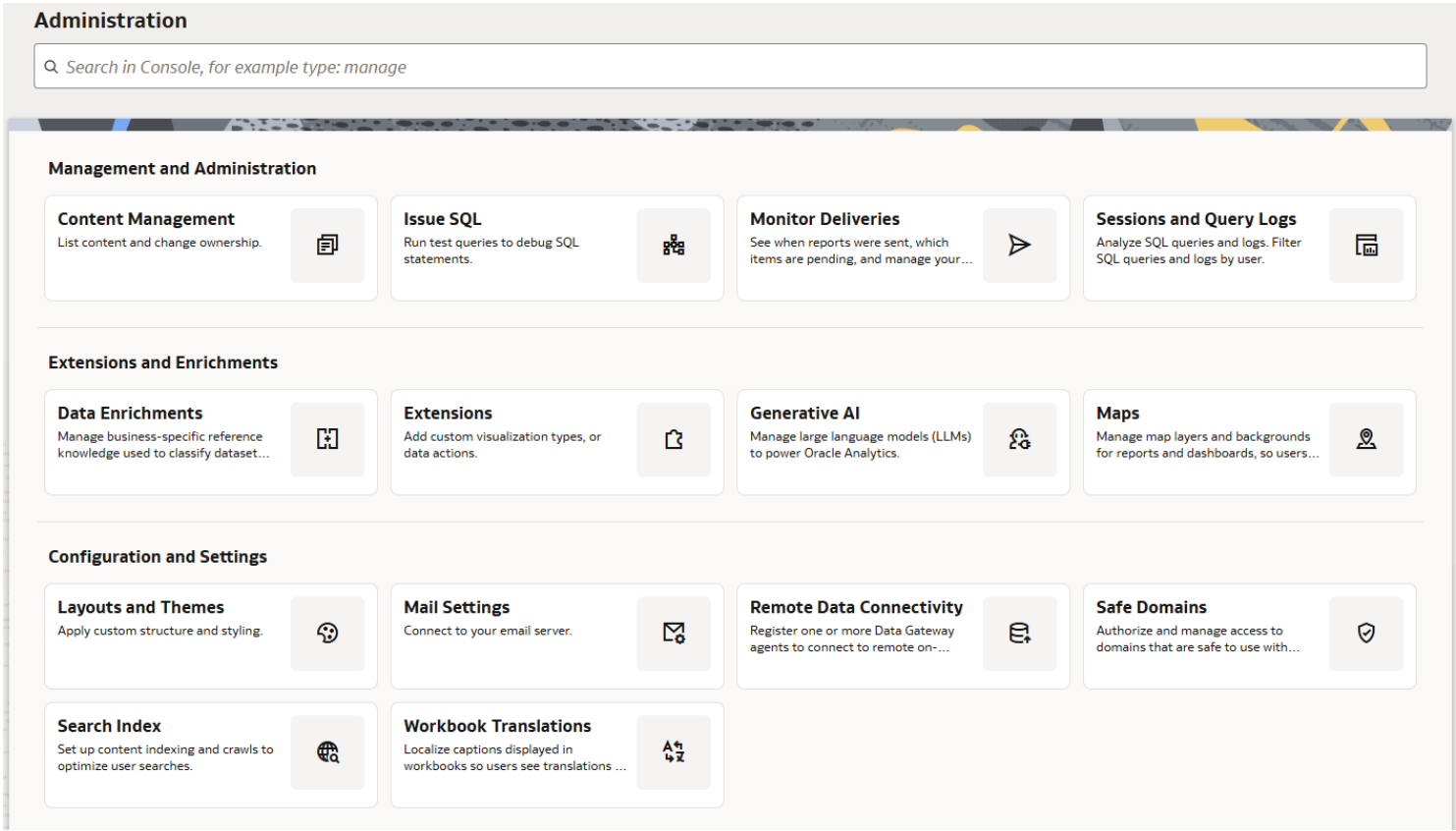
	OTBI	FDI
1	Real Time Data	Daily refresh or refresh by demand
2	Consistent Data	Data Validation is needed
3	No Additional cost	Additional cost
4	You cannot run heavy queries, **some reports are not feasible**	You can run “any” query , Historical
5		You can aggregate, pre-calculate the date
6	Affect ERP performance	Does not affect ERP performance, load data once
7	Legacy GUI (OBIEE 11g),limited interactivity, you cannot join the data from different subject areas into one	Modern, user-friendly GUI , you can create custom datasets - **saving IT hours**
8	Prebuild Reports in BI Publisher and Analysis & Dashboards	Prebuild Metrics and Dashboards in DV, Analysis & Dashboards and BI Publisher **saving IT hours**
9	Business users export the data into Excel and merge it there	You can enrich the data with custom data/other sources

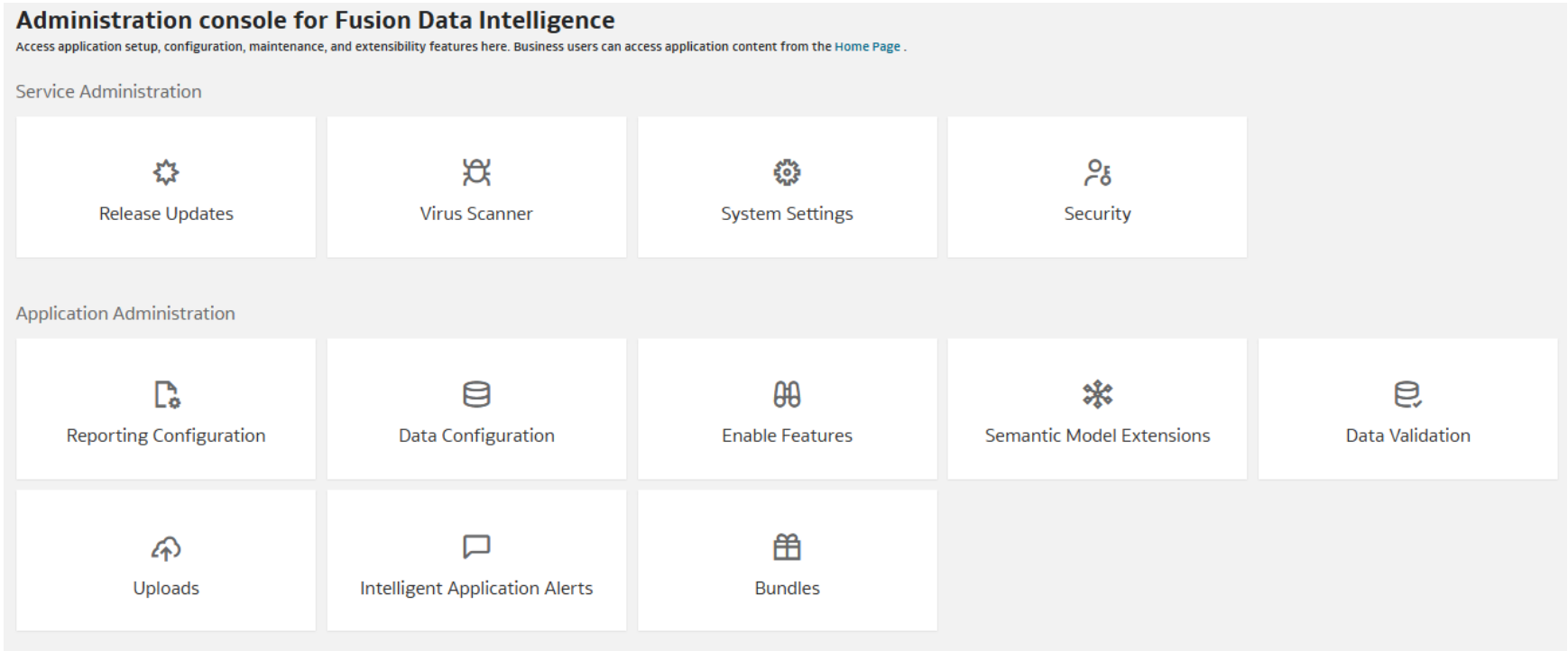
OAC Console in regular instance



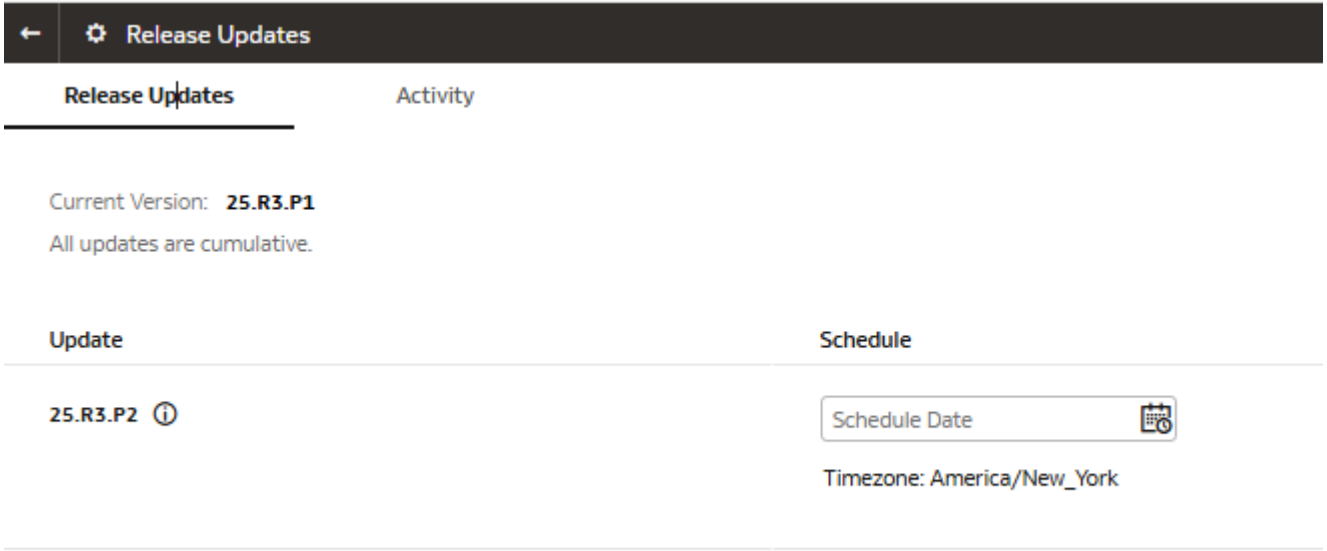
OAC Console in FDI



FDI Console


Administration console for Fusion Data Intelligence
Access application setup, configuration, maintenance, and extensibility features here. Business users can access application content from the Home Page .
Service Administration
Release Updates
Virus Scanner
System Settings
Security
Application Administration
Reporting Configuration
Data Configuration
Enable Features
Semantic Model Extensions
Data Validation
Uploads
Intelligent Application Alerts
Bundles

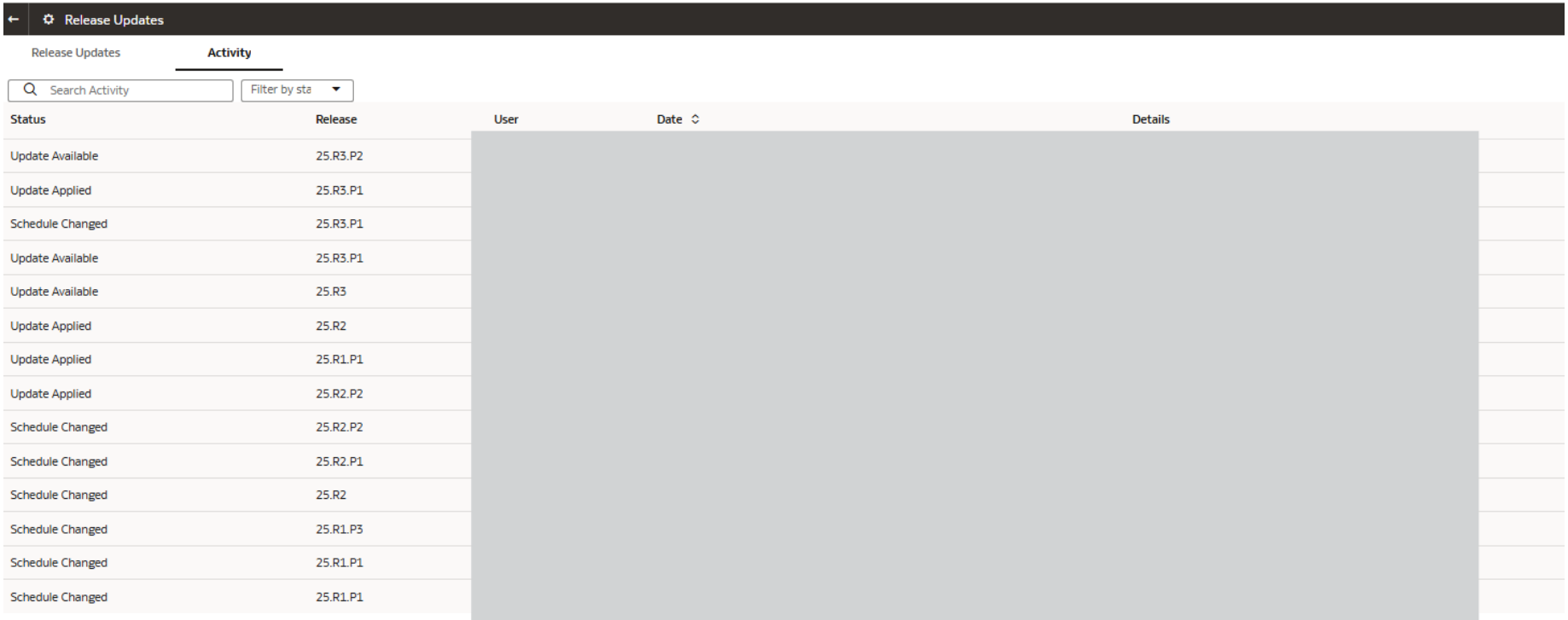
FDI Console - Release Updates



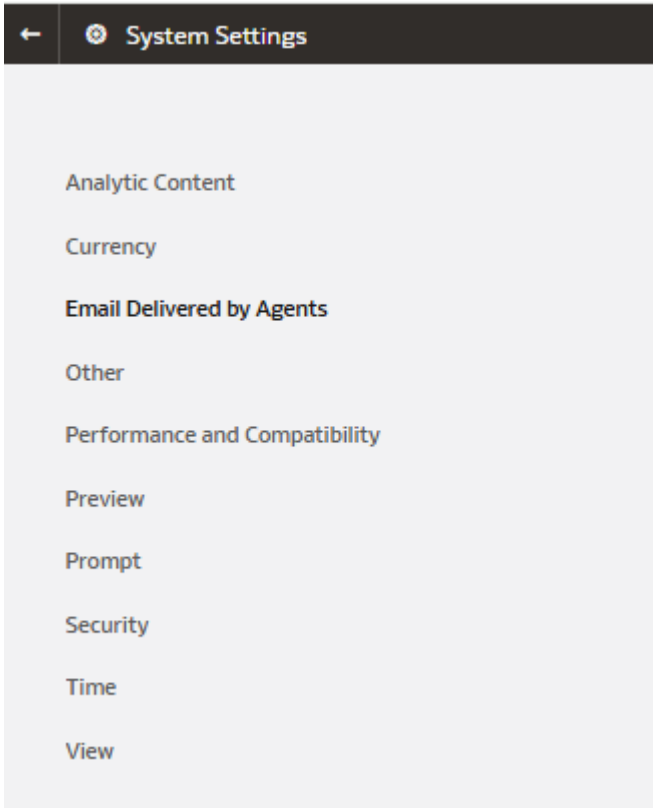
FDI Console - Release Updates

- Activate Development FDI Development instance
- Apply New Release to the Development instance before PROD
- Identify a list of critical reports and critical reports owners
- Create a data quality checklist based on analysis/workbooks
- Schedule critical reports and data quality checks using agents
- Confirm that critical reports run successfully and data quality checks pass before scheduling patching or upgrades in PROD

FDI Console - Release Updates



FDI Console – System Settings



FDI Console – System setting in FDI vs OAC

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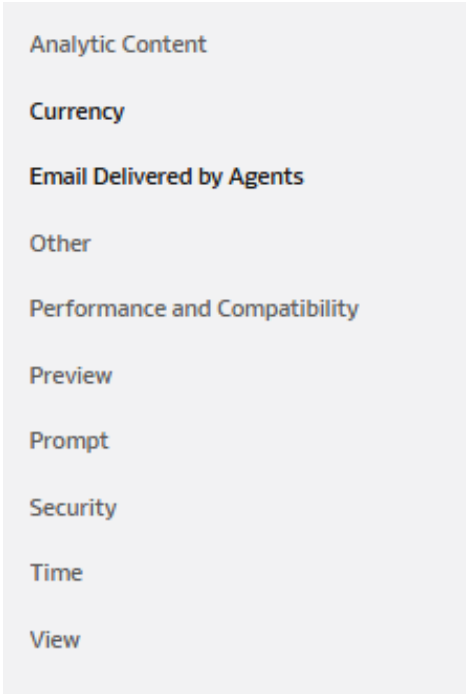
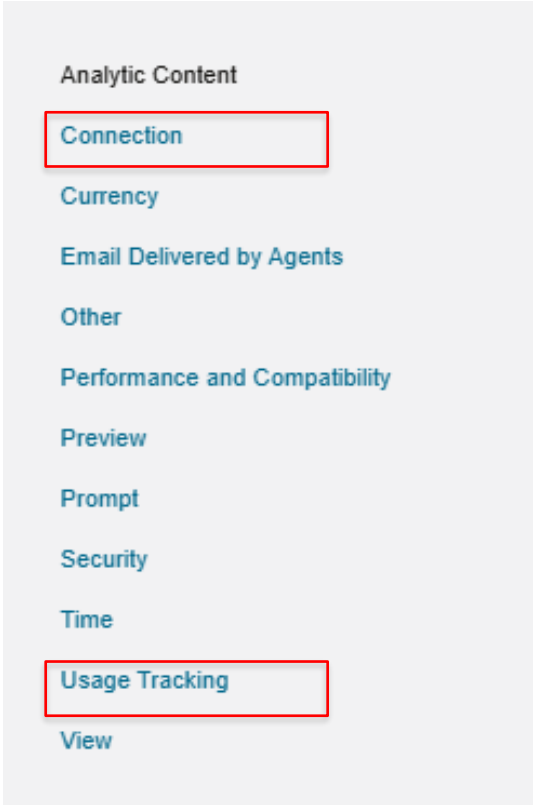
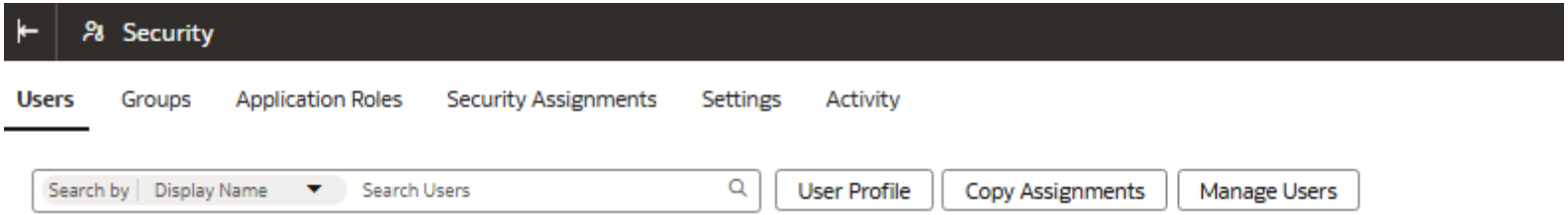
FDI



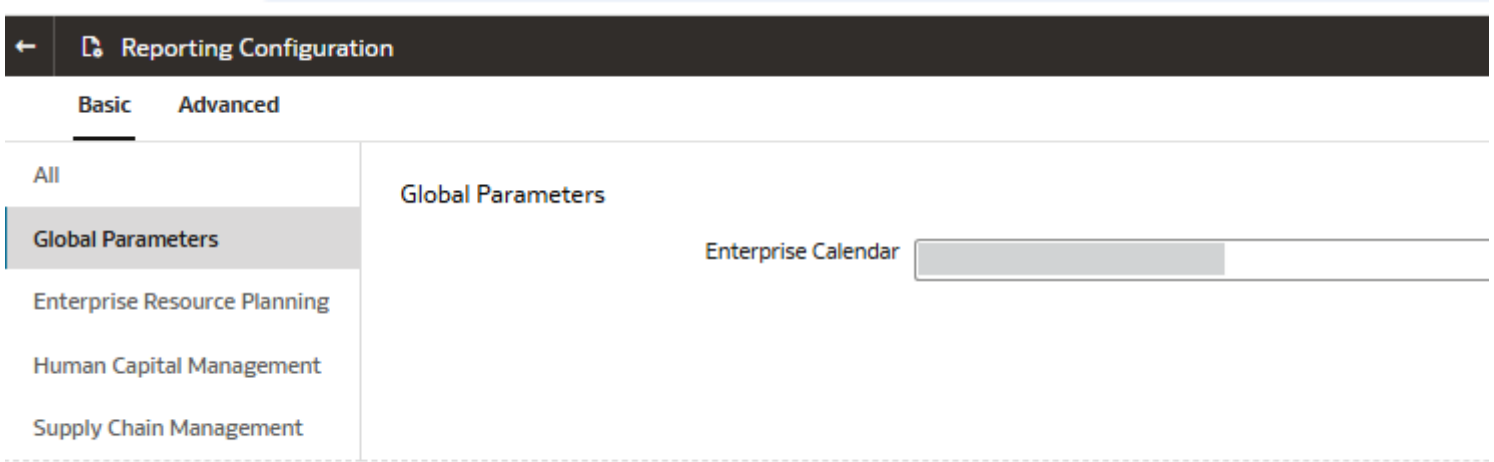
OAC



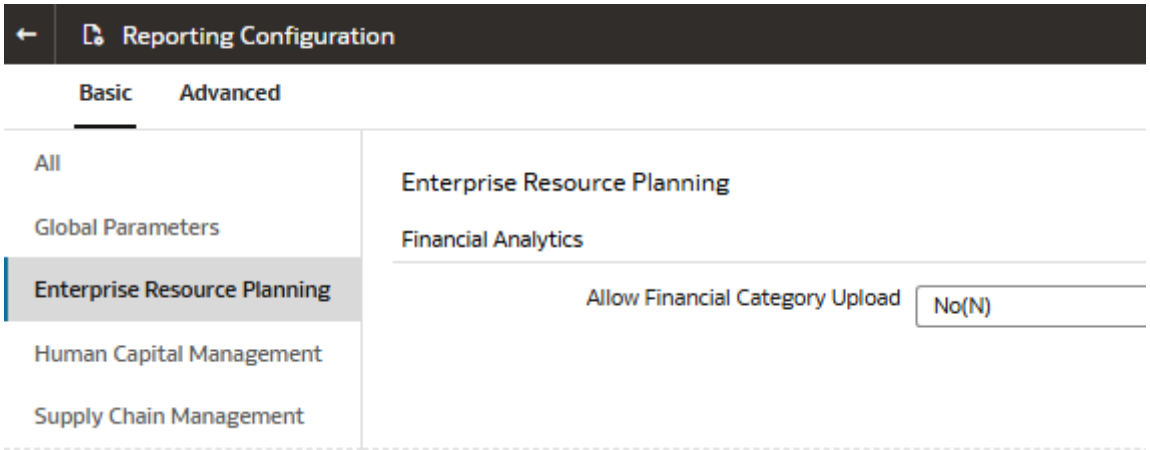
FDI Console – Security



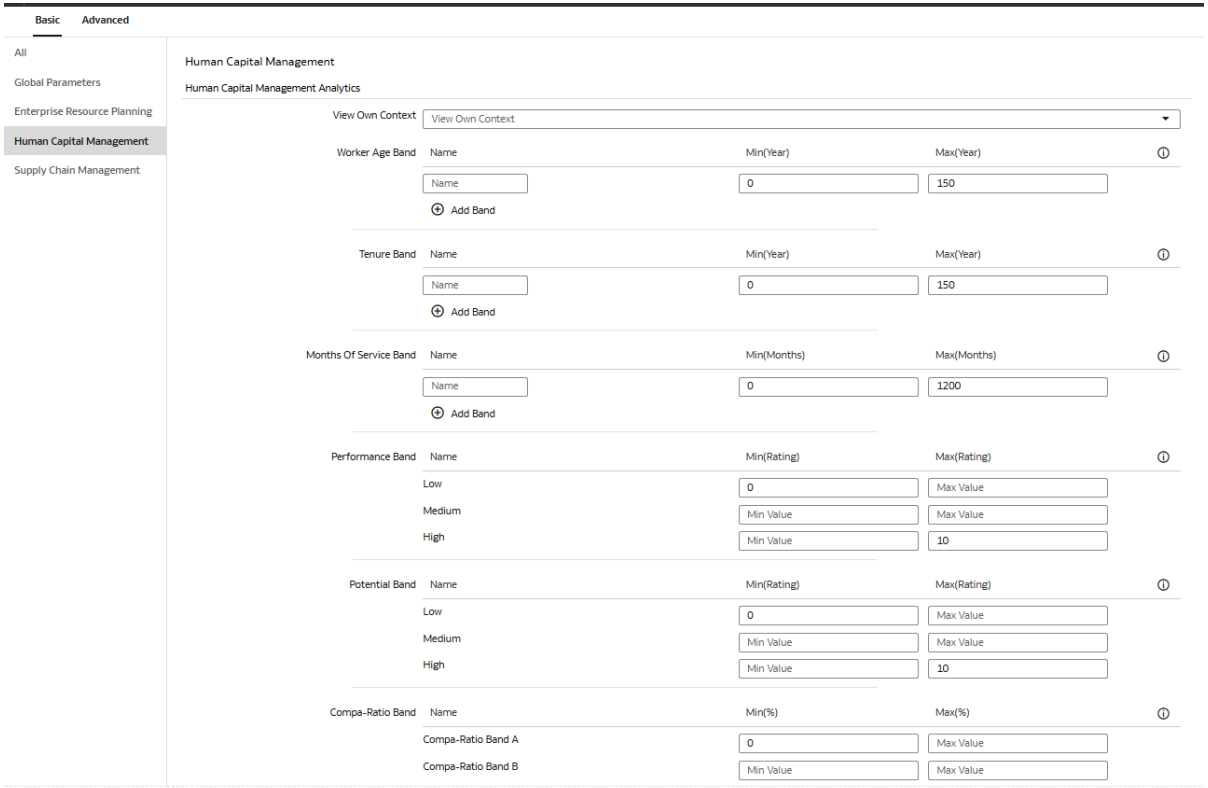
FDI Console – Reporting Configuration



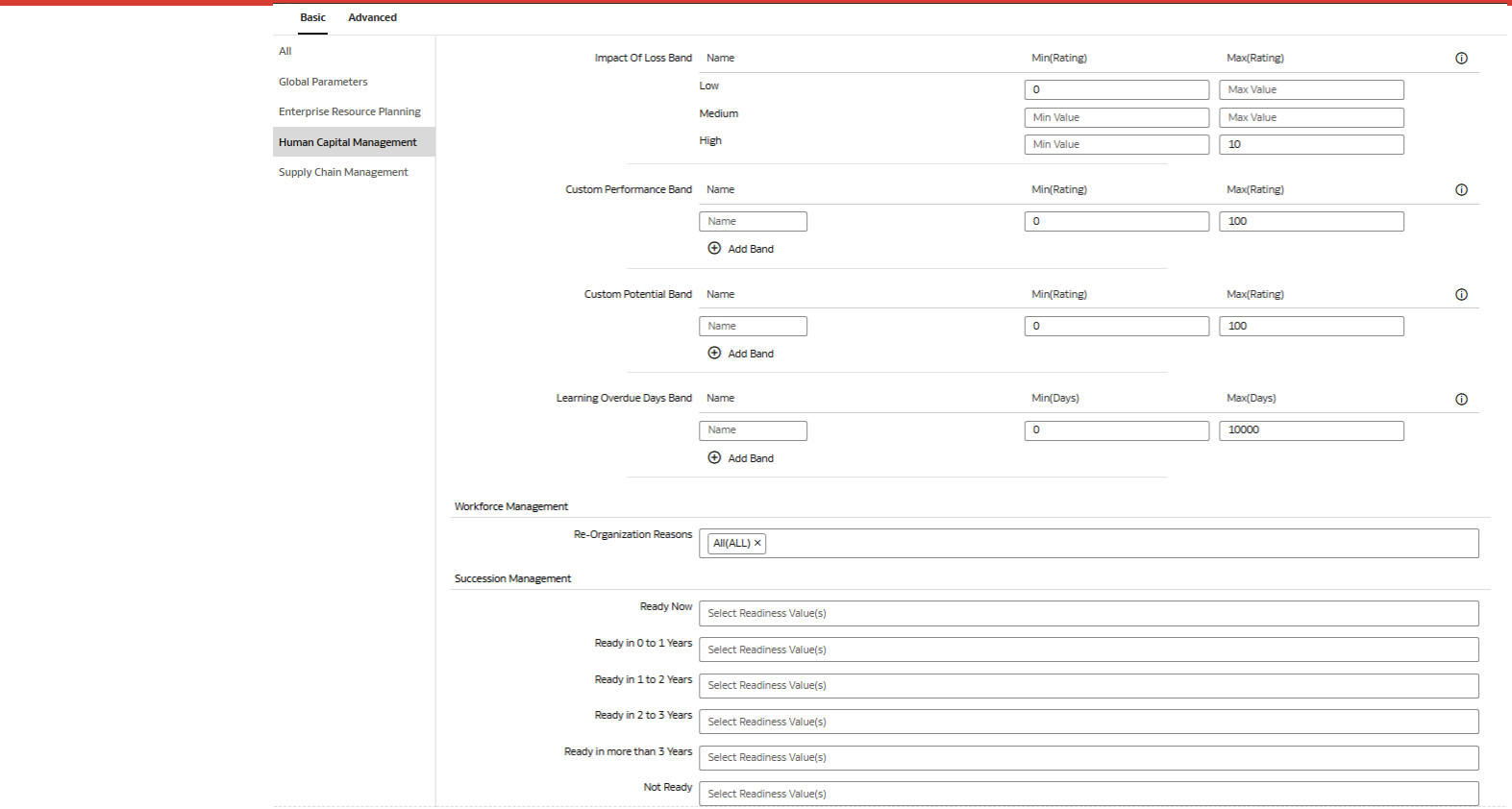
FDI Console – Reporting Configuration



FDI Console – Reporting Configuration

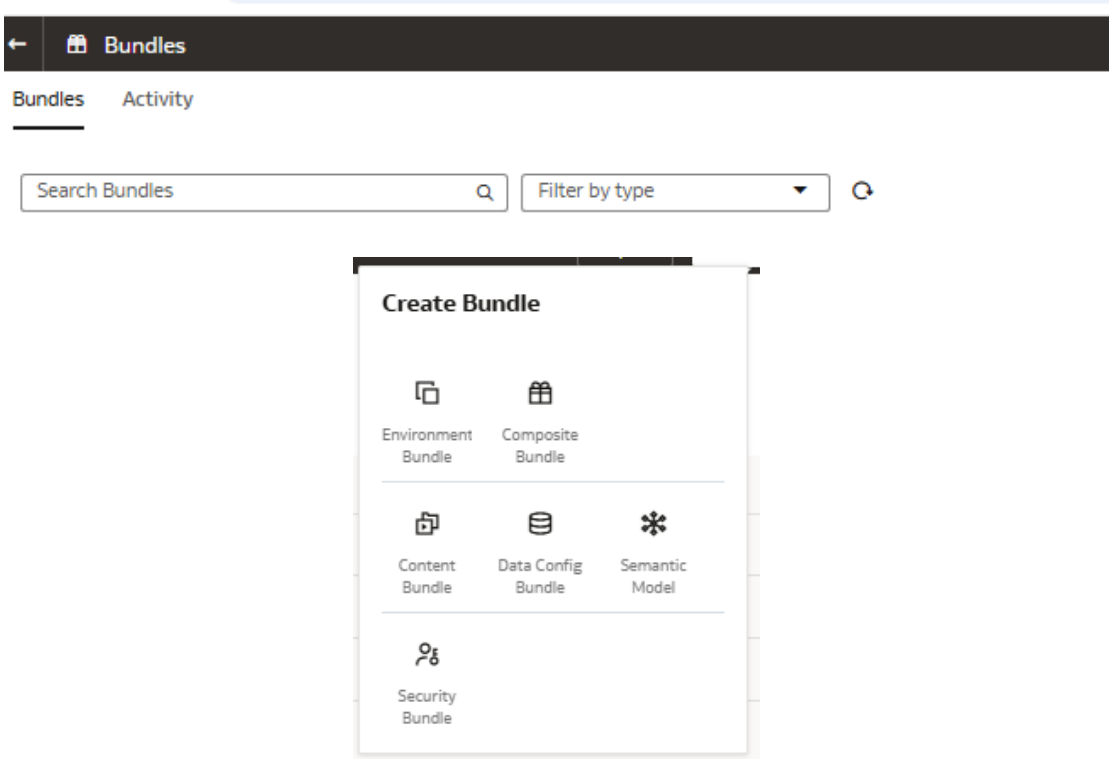


FDI Console – Reporting Configuration

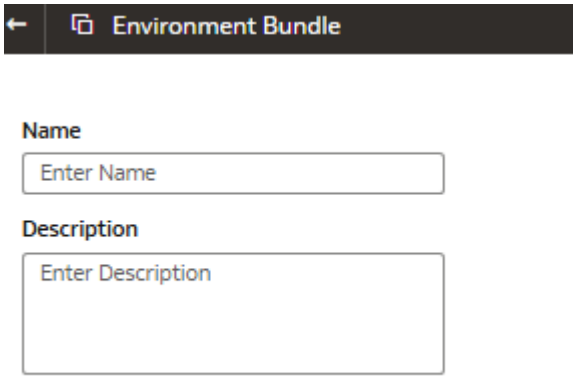


FDI Console – Reporting Configuration

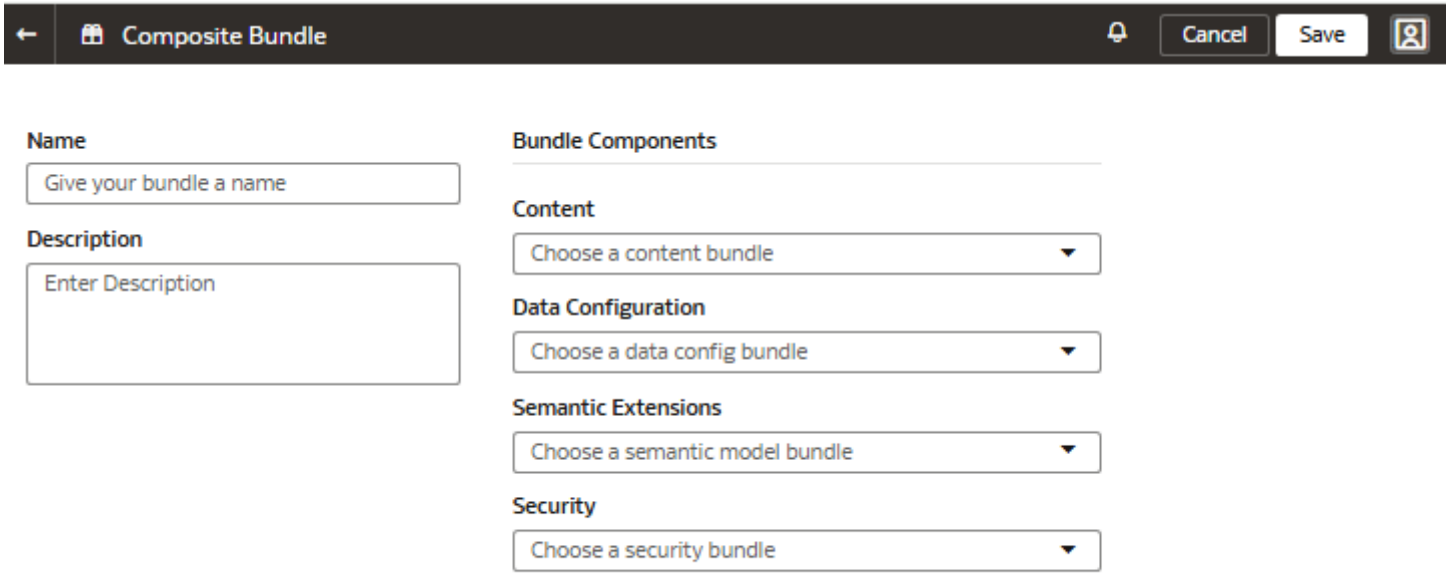
FDI Console


Bundles
Bundles
Activity
Search Bundles
Filter by type
Create Bundle
Environment Bundle
Composite Bundle
Content Bundle
Data Config Bundle
Semantic Model
Security Bundle

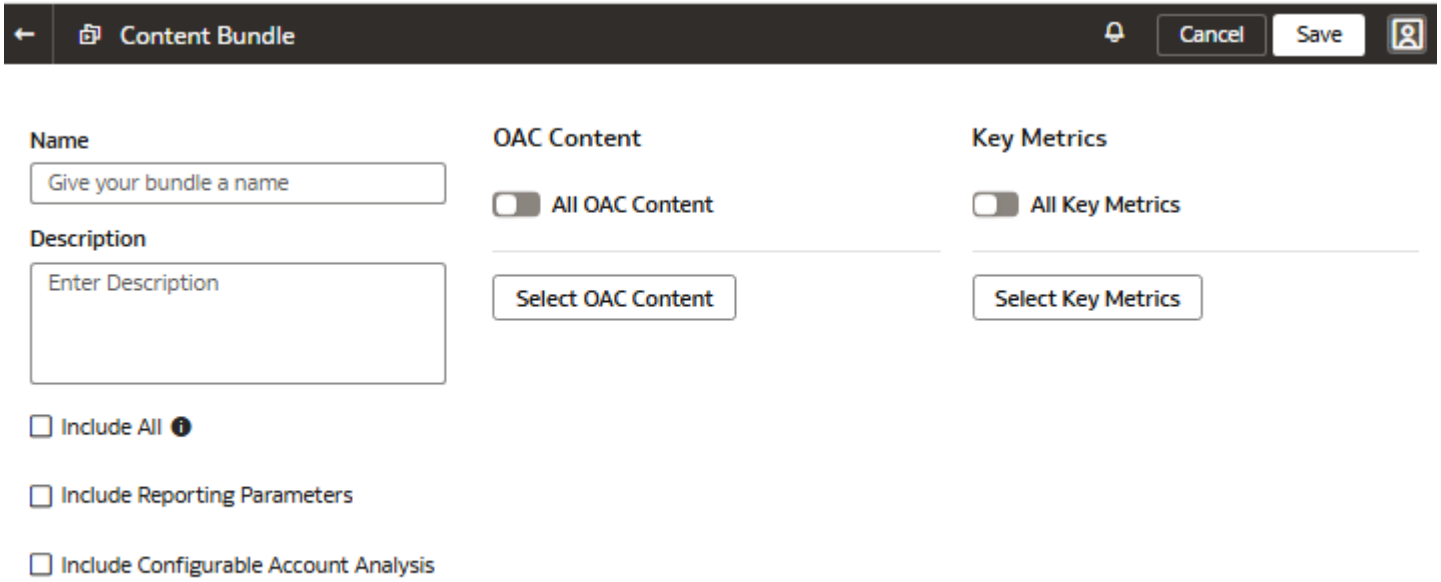
FDI Console – Environment Bundle



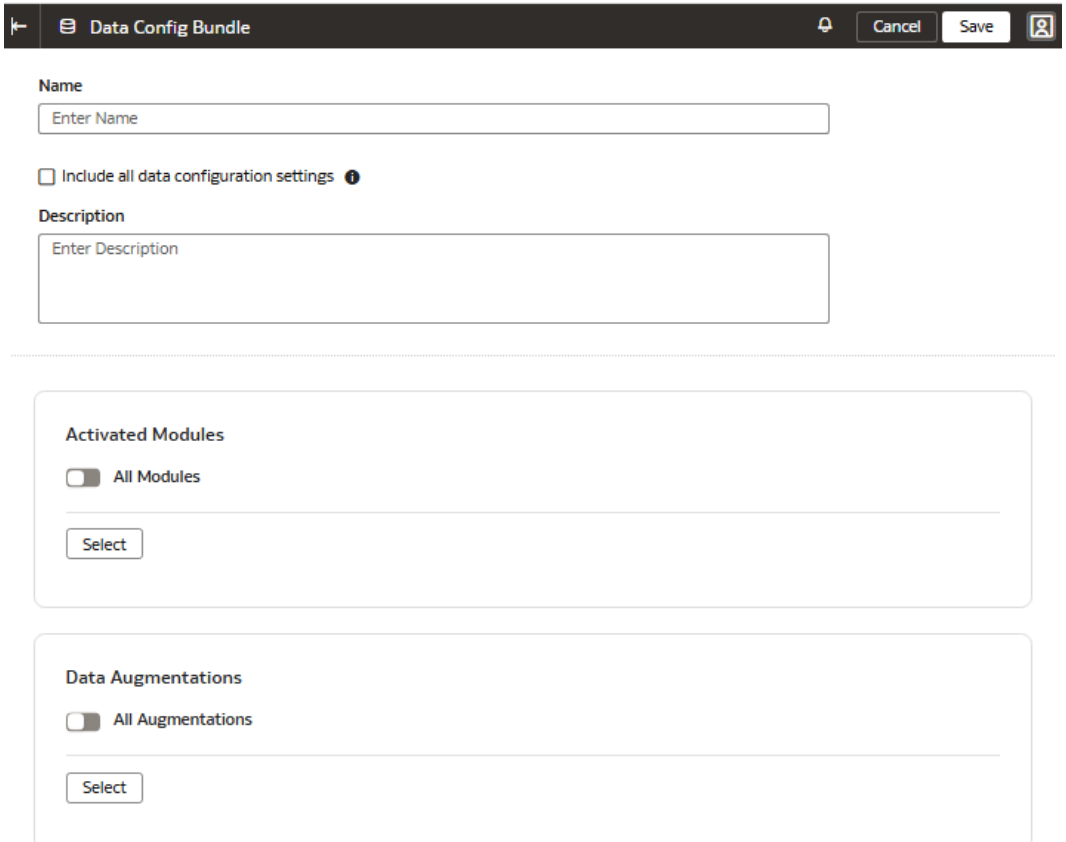
FDI Console – Composite Bundle



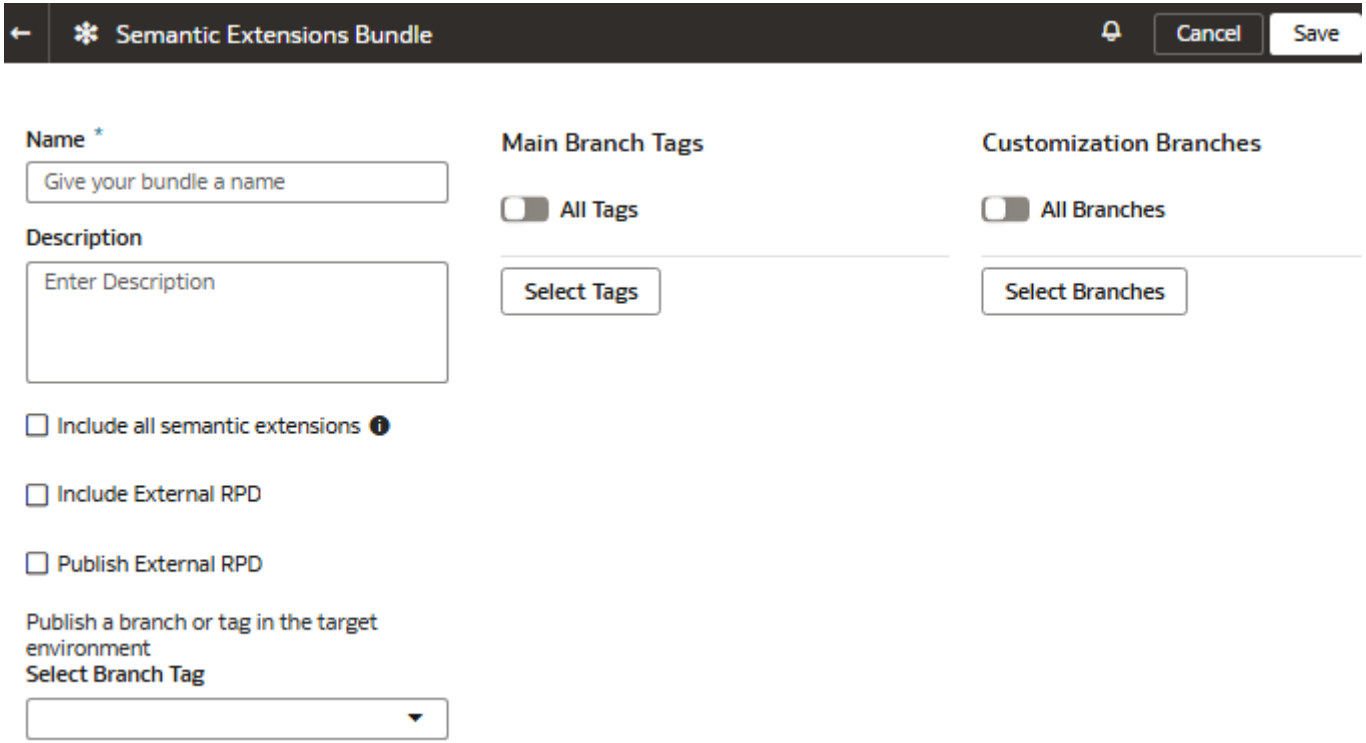
FDI Console –Content Bundle



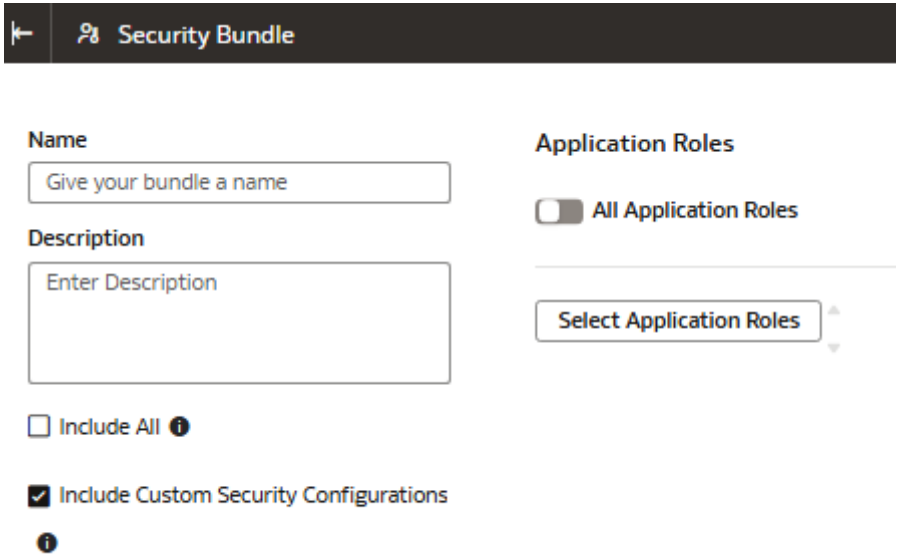
FDI Console – Data Config Bundle



FDI Console – Semantic Extensions Bundle



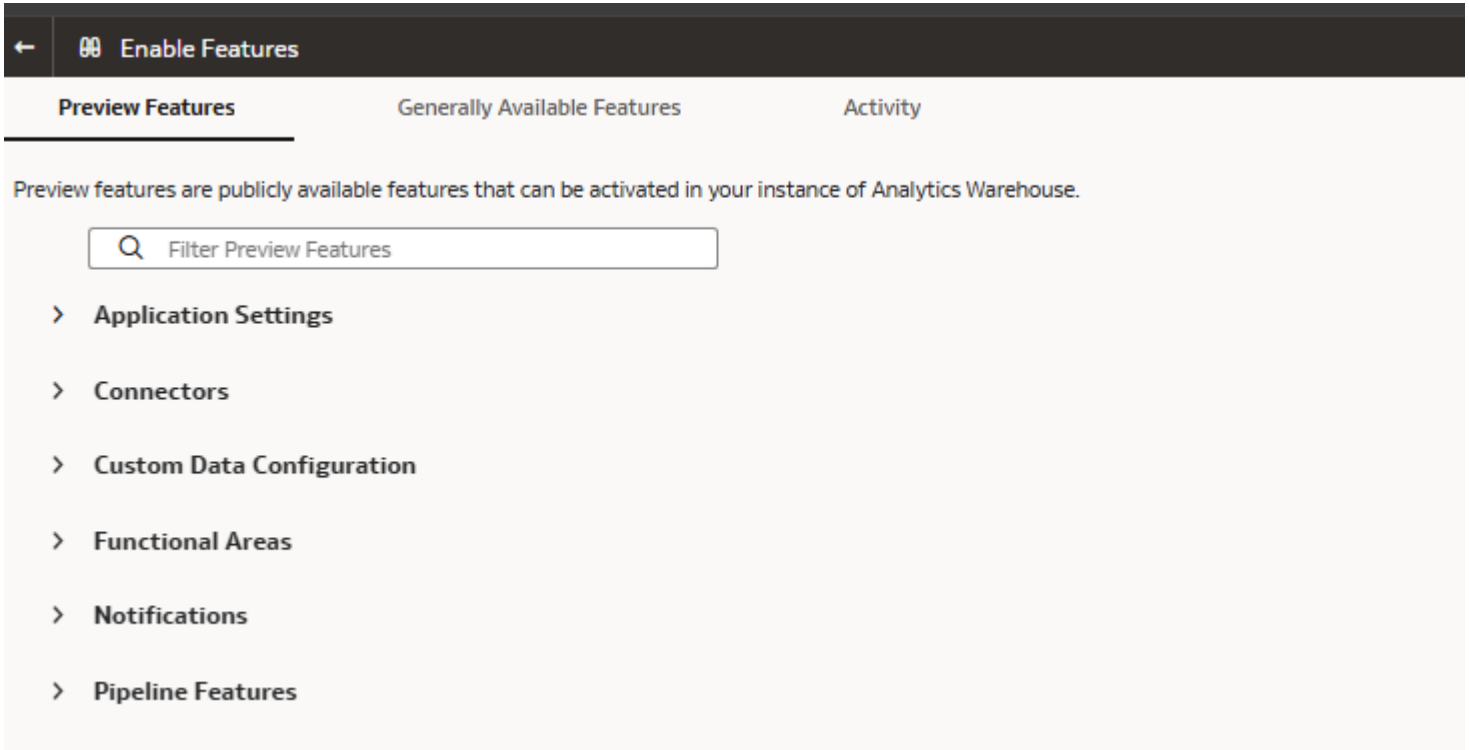
FDI Console – Security Bundle



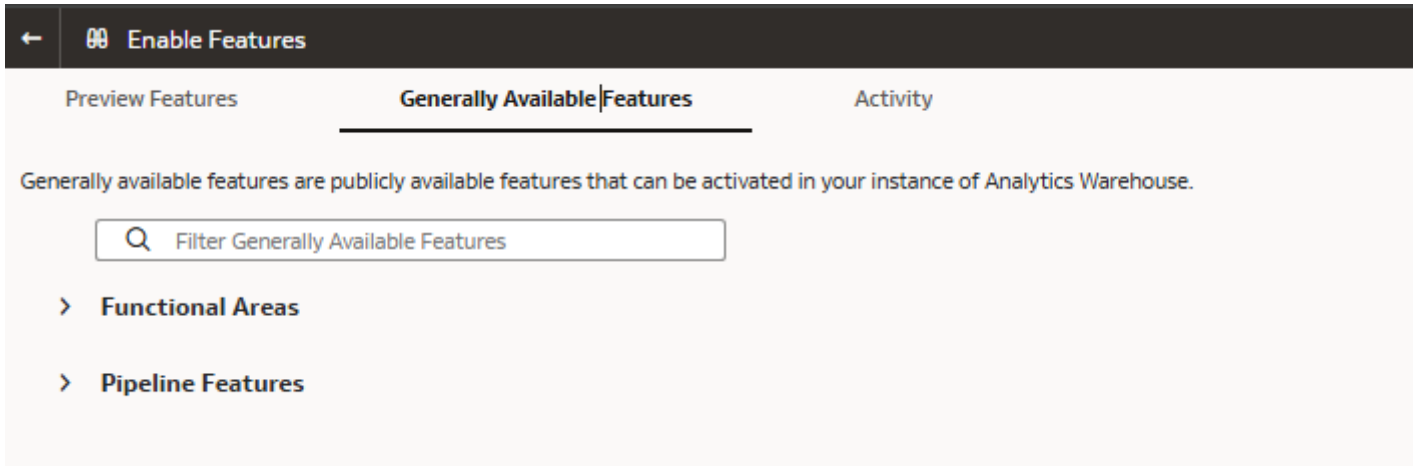
Preview Features

- In Oracle Fusion Data Intelligence (FDI), a feature or option in the **"preview"** status means that it is a high-confidence, design-complete feature available for evaluation and testing before its official, general release.
- **Generally Available" (GA)**, meaning it is officially released and fully supported for production workloads.

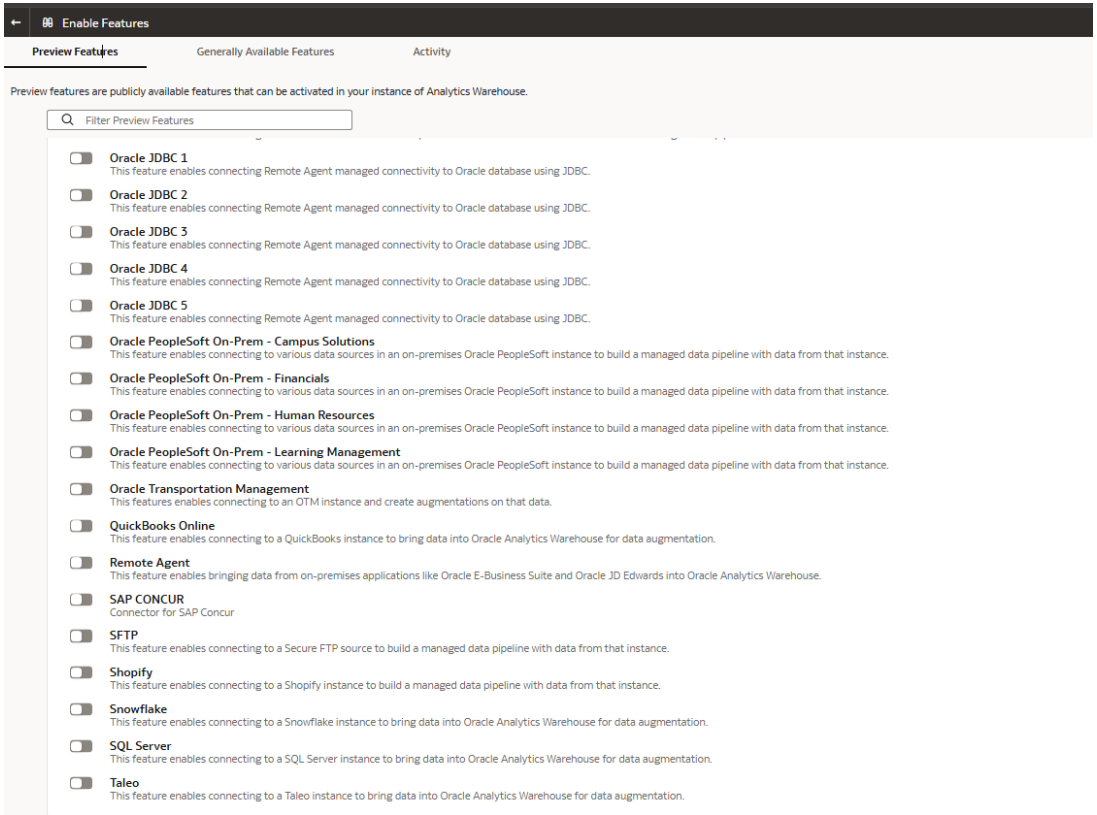
Enable Features



Enable Features



Preview Features



Connect With Cloud Sources

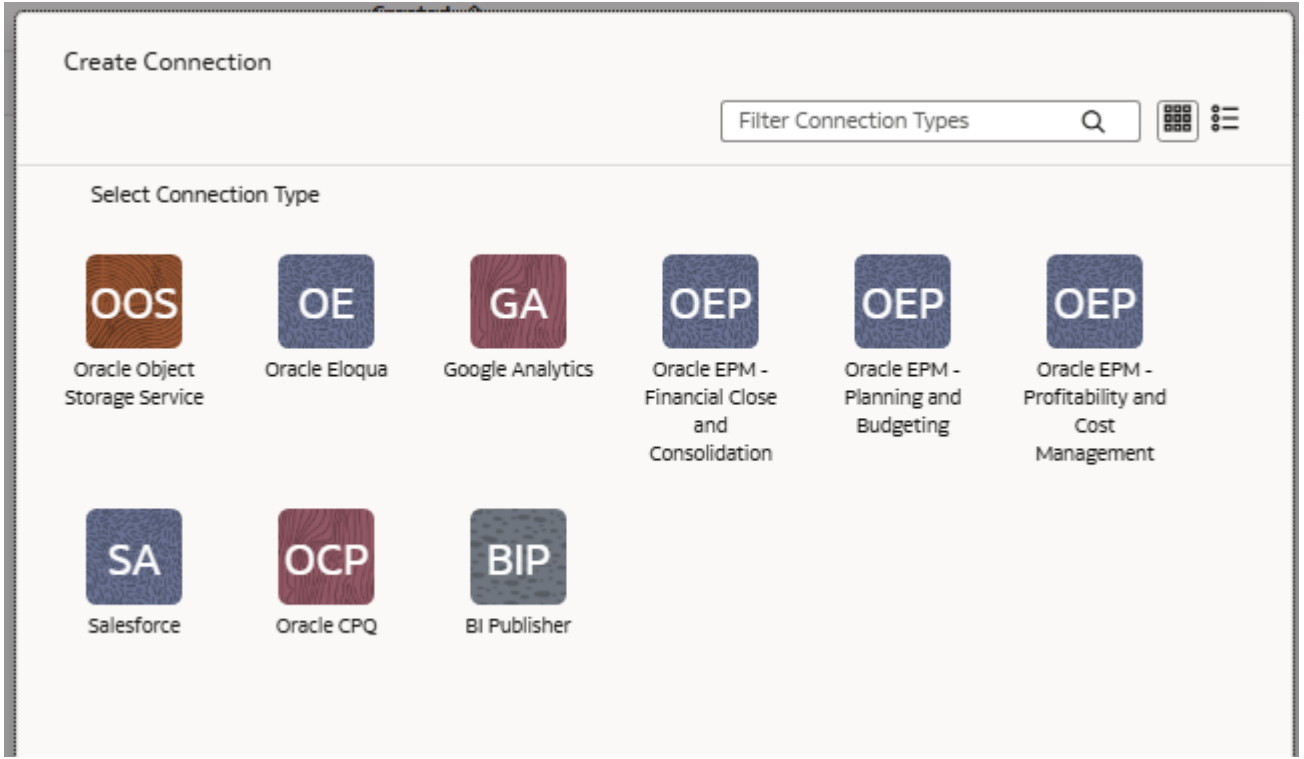
Generally Available (GA):

- Google Analytics
- Salesforce

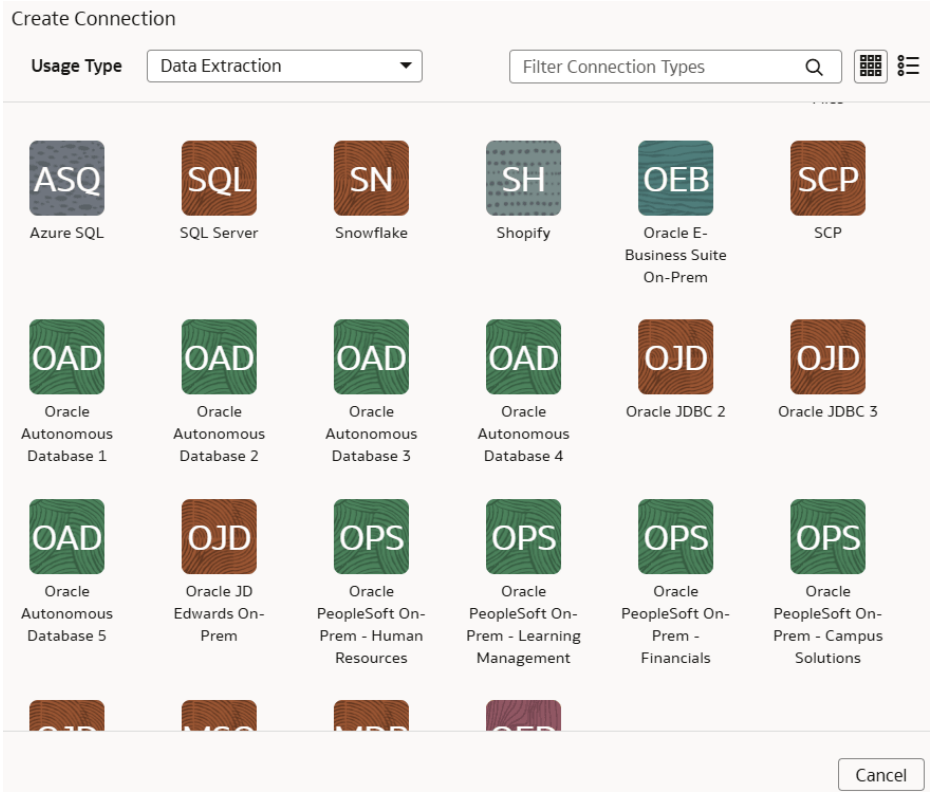
Preview:

- Azure SQL
- Oracle Autonomous Database
- Oracle Enterprise Performance Management
- EPM Export Data Instance
- Oracle Eloqua Data Source
- Oracle Analytics Publisher
- Shopify
- Snowflake
- Taleo
- Oracle Transportation Management Cloud Service
- Fusion Supply Chain Planning
- QuickBooks Online
- MongoDB
- MySQL Cloud Database
- Enterprise Data Management Cloud

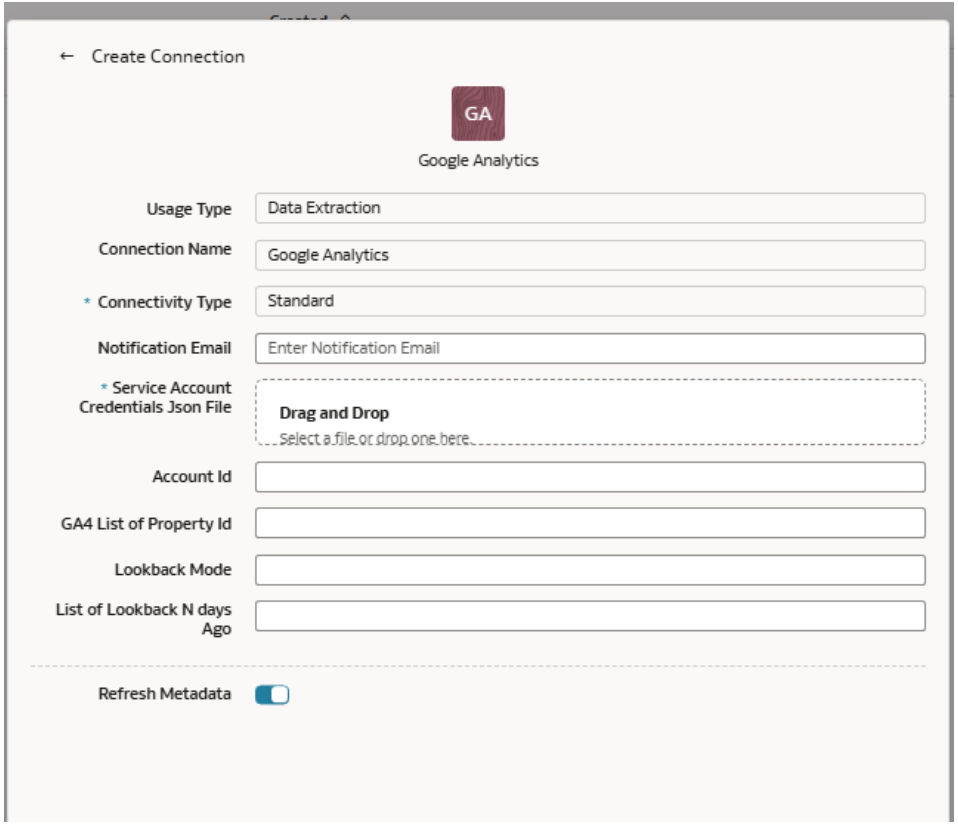
Create connections - GA



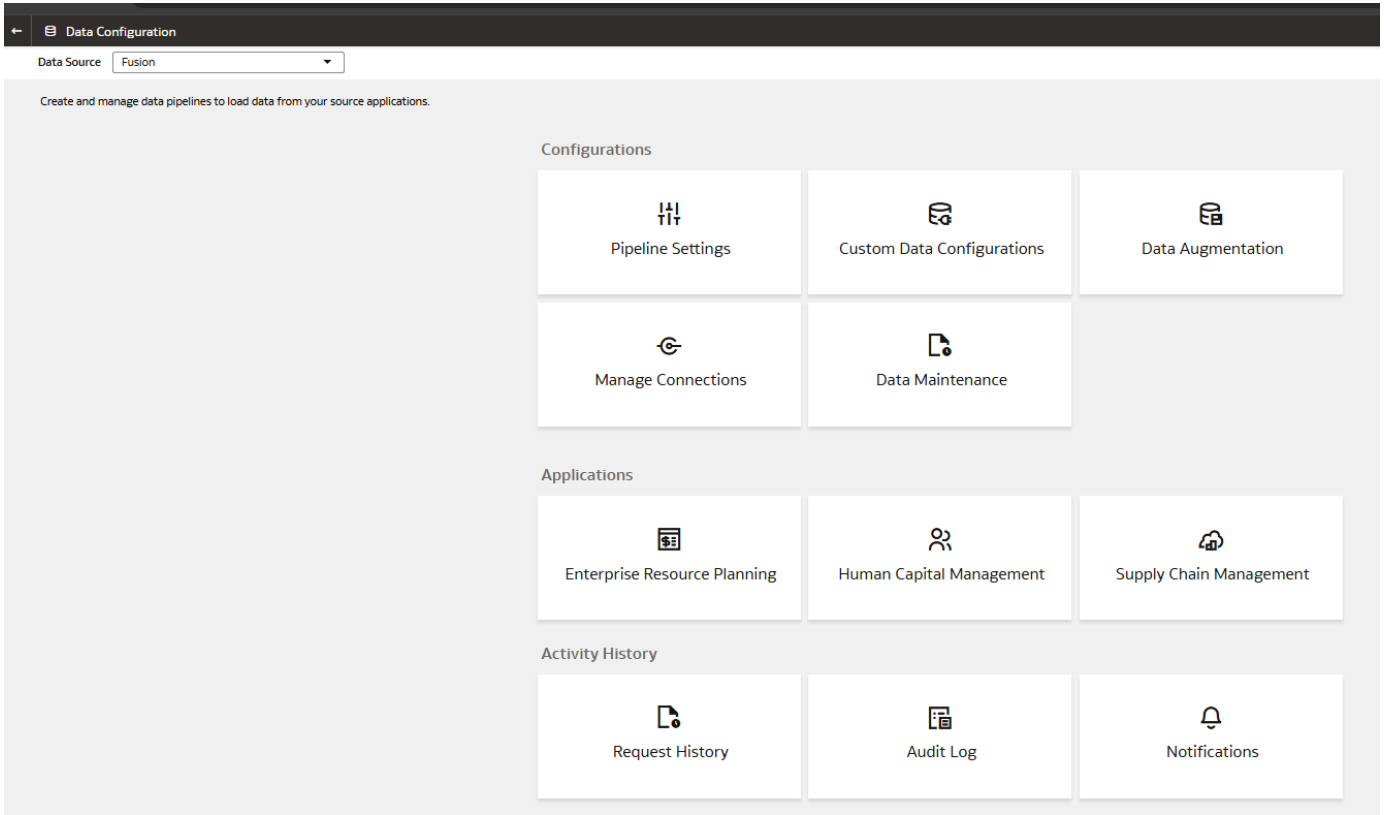
Create connections – Preview Features



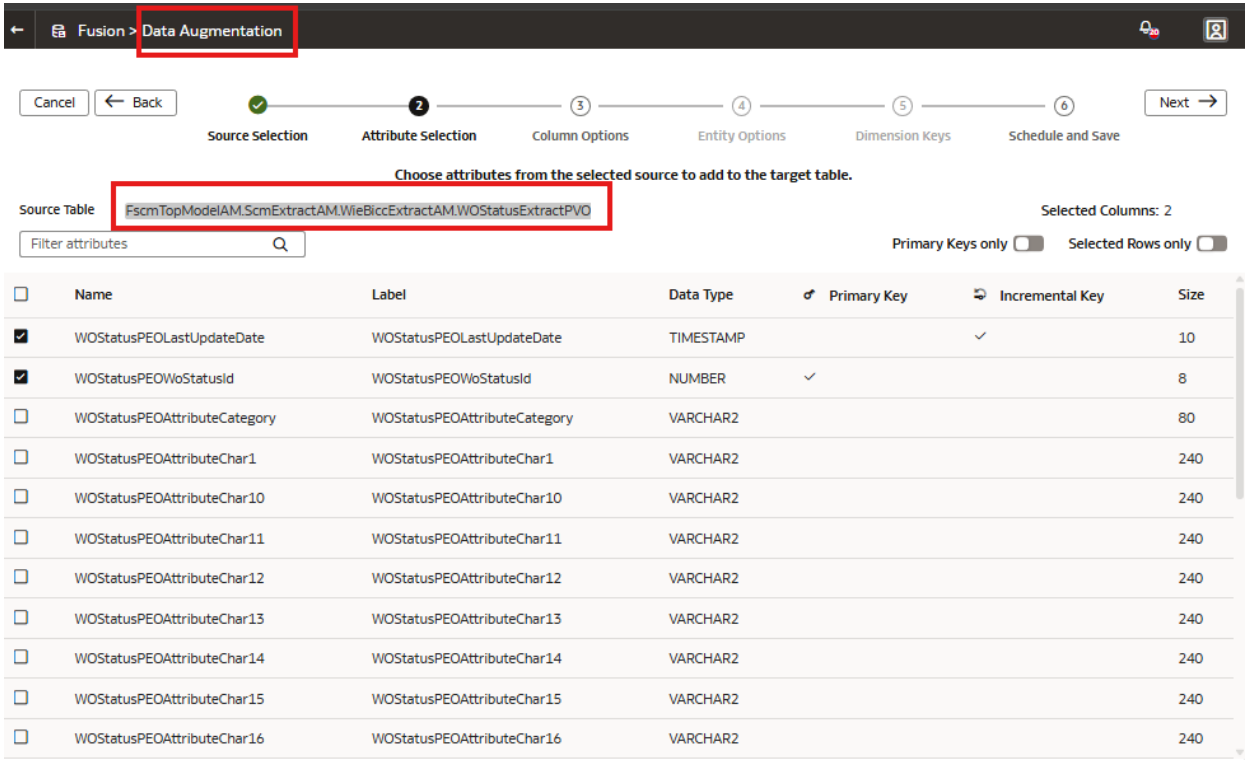
Create connections



Data Configuration



Customization – Data Augmentation



Customization – Data Augmentation

R13 SCM and Procurement OTBI subject areas to database lineage mapping spreadsheet

Received Response 17299 Views 54 Comments

Ramamurthy Shankarachetty-Oracle Director, Product Management, Analytics Apps for ERP Blue Ribbon
Oct 9, 2018 5:08PM edited Jul 3, 2025 3:06PM 54 comments

Summary

R13 SCM and Procurement OTBI subject areas to database lineage mapping spreadsheet

Content

This spreadsheet is published by Oracle OTBI Development.

Release: 25B, 25A, 24D, 24C

Information Covered:

Documents Fusion SCM and Procurement OTBI subject areas, the corresponding View Objects and database tables and columns.

Related Documents:

Customers can use this spreadsheet to search for reporting fields in OTBI subject areas or trace the lineage from subject area to database tables, columns and view objects or vice versa.

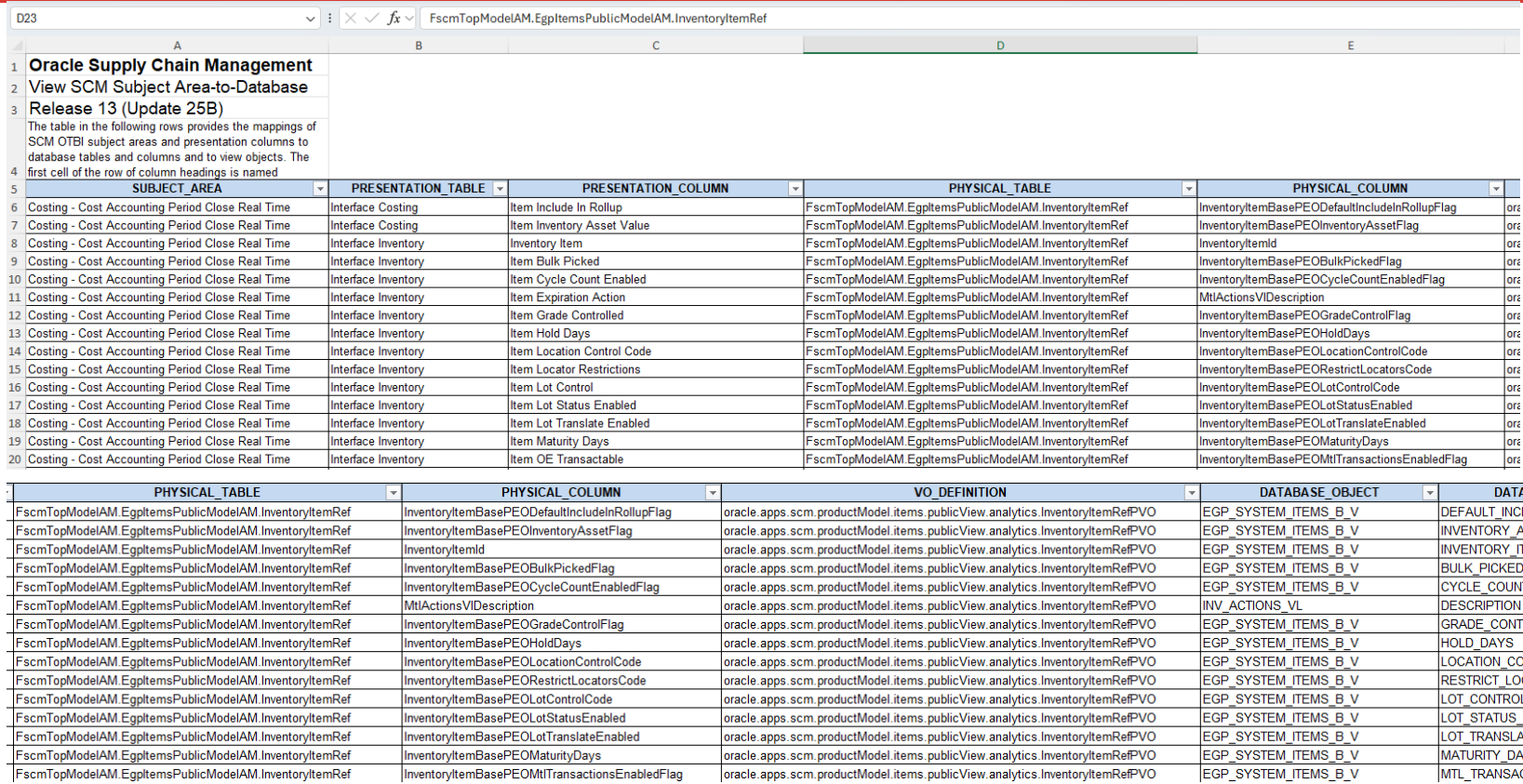
R13_25B_SCM_and_PRC_OTBI_database_mapping_with ViewObjects.xlsx
Uploaded Jul 3, 2025 5.09 MB

R13_25A_SCM_and_PRC_OTBI_database_mapping_with ViewObjects.xlsx
Uploaded Feb 4, 2025 5.91 MB

R13_24D_SCM_and_PRC_OTBI_database_mapping_with ViewObjects.xlsx
Uploaded Nov 21, 2024 6.9 MB

R13_24C_SCM_and_PRC_OTBI_database_mapping_with ViewObjects.xlsx
Uploaded Jul 25, 2024 5.9 MB

Customization – Data Augmentation



D23 | FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef

Oracle Supply Chain Management

View SCM Subject Area-to-Database

Release 13 (Update 25B)

The table in the following rows provides the mappings of SCM OTBI subject areas and presentation columns to database tables and columns and to view objects. The first cell of the row of column headings is named

SUBJECT_AREA	PRESENTATION_TABLE	PRESENTATION_COLUMN	PHYSICAL_TABLE	PHYSICAL_COLUMN	
Costing - Cost Accounting Period Close Real Time	Interface Costing	Item Include In Rollup	FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEODefaultIncludeInRollupFlag	ora
Costing - Cost Accounting Period Close Real Time	Interface Costing	Item Inventory Asset Value	FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOInventoryAssetFlag	ora
Costing - Cost Accounting Period Close Real Time	Interface Inventory	Inventory Item	FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemId	ora
Costing - Cost Accounting Period Close Real Time	Interface Inventory	Item Bulk Picked	FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOBulkPickedFlag	ora
Costing - Cost Accounting Period Close Real Time	Interface Inventory	Item Cycle Count Enabled	FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOCycleCountEnabledFlag	ora
Costing - Cost Accounting Period Close Real Time	Interface Inventory	Item Expiration Action	FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	MtlActionsVlDescription	ora
Costing - Cost Accounting Period Close Real Time	Interface Inventory	Item Grade Controlled	FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOGradeControlFlag	ora
Costing - Cost Accounting Period Close Real Time	Interface Inventory	Item Hold Days	FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOHoldDays	ora
Costing - Cost Accounting Period Close Real Time	Interface Inventory	Item Location Control Code	FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOLocationControlCode	ora
Costing - Cost Accounting Period Close Real Time	Interface Inventory	Item Locator Restrictions	FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEORestrictLocatorsCode	ora
Costing - Cost Accounting Period Close Real Time	Interface Inventory	Item Lot Control	FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOLotControlCode	ora
Costing - Cost Accounting Period Close Real Time	Interface Inventory	Item Lot Status Enabled	FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOLotStatusEnabled	ora
Costing - Cost Accounting Period Close Real Time	Interface Inventory	Item Lot Translate Enabled	FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOLotTranslateEnabled	ora
Costing - Cost Accounting Period Close Real Time	Interface Inventory	Item Maturity Days	FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOMaturityDays	ora
Costing - Cost Accounting Period Close Real Time	Interface Inventory	Item OE Transactable	FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOMtlTransactionsEnabledFlag	ora

PHYSICAL_TABLE	PHYSICAL_COLUMN	VO_DEFINITION	DATABASE_OBJECT	DATABASE_COLUMN	INDEXE
FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEODefaultIncludeInRollupFlag	oracle.apps.scm.productModel.items.publicView.analytics.InventoryItemRefPVO	EGP_SYSTEM_ITEMS_B_V	DEFAULT_INCLUDE_IN_ROLLUP_FLAG	NO
FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOInventoryAssetFlag	oracle.apps.scm.productModel.items.publicView.analytics.InventoryItemRefPVO	EGP_SYSTEM_ITEMS_B_V	INVENTORY_ASSET_FLAG	NO
FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemId	oracle.apps.scm.productModel.items.publicView.analytics.InventoryItemRefPVO	EGP_SYSTEM_ITEMS_B_V	INVENTORY_ITEM_ID	NO
FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOBulkPickedFlag	oracle.apps.scm.productModel.items.publicView.analytics.InventoryItemRefPVO	EGP_SYSTEM_ITEMS_B_V	BULK_PICKED_FLAG	NO
FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOCycleCountEnabledFlag	oracle.apps.scm.productModel.items.publicView.analytics.InventoryItemRefPVO	EGP_SYSTEM_ITEMS_B_V	CYCLE_COUNT_ENABLED_FLAG	NO
FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	MtlActionsVlDescription	oracle.apps.scm.productModel.items.publicView.analytics.InventoryItemRefPVO	INV_ACTIONS_VL	DESCRIPTION	NO
FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOGradeControlFlag	oracle.apps.scm.productModel.items.publicView.analytics.InventoryItemRefPVO	EGP_SYSTEM_ITEMS_B_V	GRADE_CONTROL_FLAG	NO
FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOHoldDays	oracle.apps.scm.productModel.items.publicView.analytics.InventoryItemRefPVO	EGP_SYSTEM_ITEMS_B_V	HOLD_DAYS	NO
FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOLocationControlCode	oracle.apps.scm.productModel.items.publicView.analytics.InventoryItemRefPVO	EGP_SYSTEM_ITEMS_B_V	LOCATION_CONTROL_CODE	NO
FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEORestrictLocatorsCode	oracle.apps.scm.productModel.items.publicView.analytics.InventoryItemRefPVO	EGP_SYSTEM_ITEMS_B_V	RESTRICT_LOCATORS_CODE	NO
FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOLotControlCode	oracle.apps.scm.productModel.items.publicView.analytics.InventoryItemRefPVO	EGP_SYSTEM_ITEMS_B_V	LOT_CONTROL_CODE	NO
FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOLotStatusEnabled	oracle.apps.scm.productModel.items.publicView.analytics.InventoryItemRefPVO	EGP_SYSTEM_ITEMS_B_V	LOT_STATUS_ENABLED	NO
FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOLotTranslateEnabled	oracle.apps.scm.productModel.items.publicView.analytics.InventoryItemRefPVO	EGP_SYSTEM_ITEMS_B_V	LOT_TRANSLATE_ENABLED	NO
FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOMaturityDays	oracle.apps.scm.productModel.items.publicView.analytics.InventoryItemRefPVO	EGP_SYSTEM_ITEMS_B_V	MATURITY_DAYS	NO
FscmTopModelAM.EgpItemsPublicModelAM.InventoryItemRef	InventoryItemBasePEOMtlTransactionsEnabledFlag	oracle.apps.scm.productModel.items.publicView.analytics.InventoryItemRefPVO	EGP_SYSTEM_ITEMS_B_V	MTL_TRANSACTIONS_ENABLED_FLAG	NO

Customization – Data Augmentation

Fusion OTBI Data Lineage Mapping (Doc ID 2721576.1)

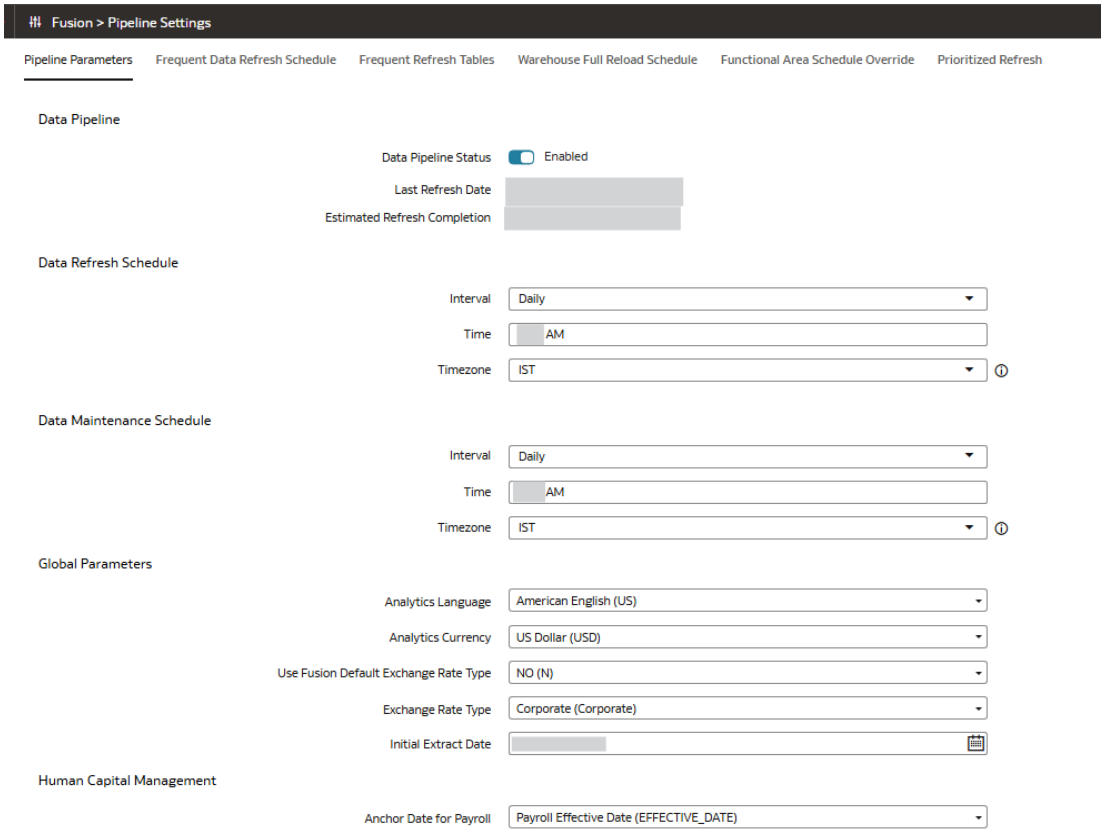
HCM : HCM OTBI subject areas to database lineage mapping spreadsheet

ERP: R13 Financials OTBI subject area to database lineage mapping spreadsheet

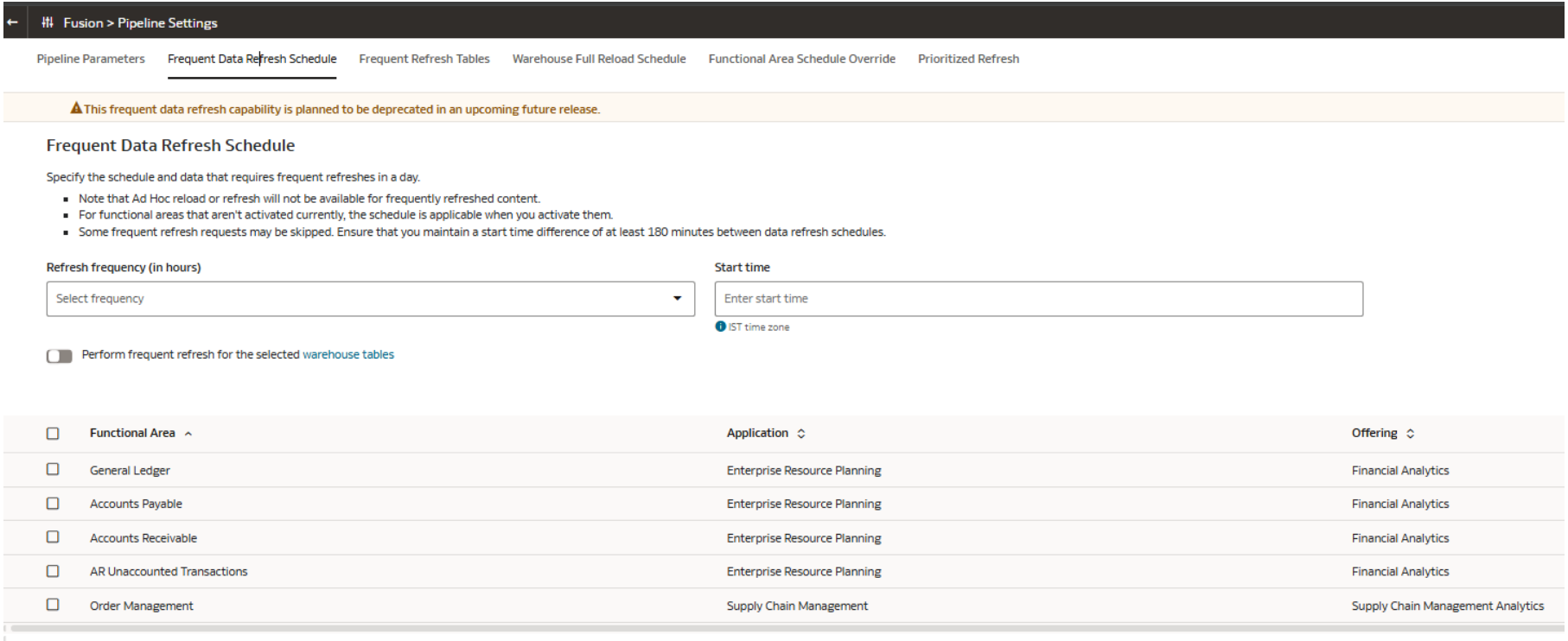
SCM & Procurement : R13 SCM and Procurement OTBI subject areas to database lineage mapping spreadsheet
https://community.oracle.com/customerconnect/discussion/479636/r13-scm-and-procurement-otbi-subject-areas-to-database-lineage-mapping-spreadsheet

Project Portfolio Management: R13: Project Portfolio Management Cloud OTBI: Subject Areas to Database Tables Mapping Spreadsheet

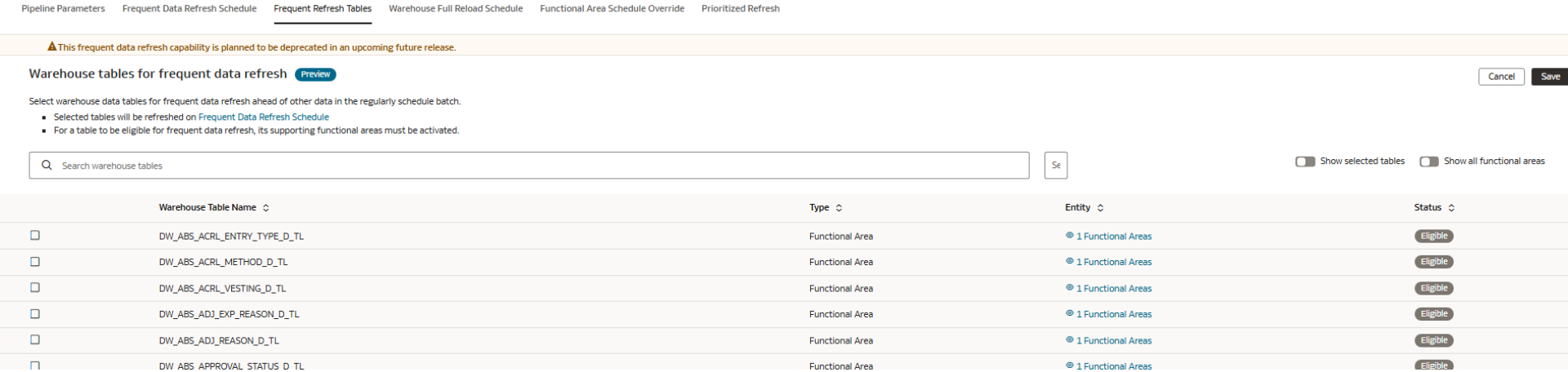
Data Configuration – Pipeline Settings



Data Configuration – Pipeline Settings



Data Configuration – Pipeline Settings



Data Configuration – Pipeline Settings

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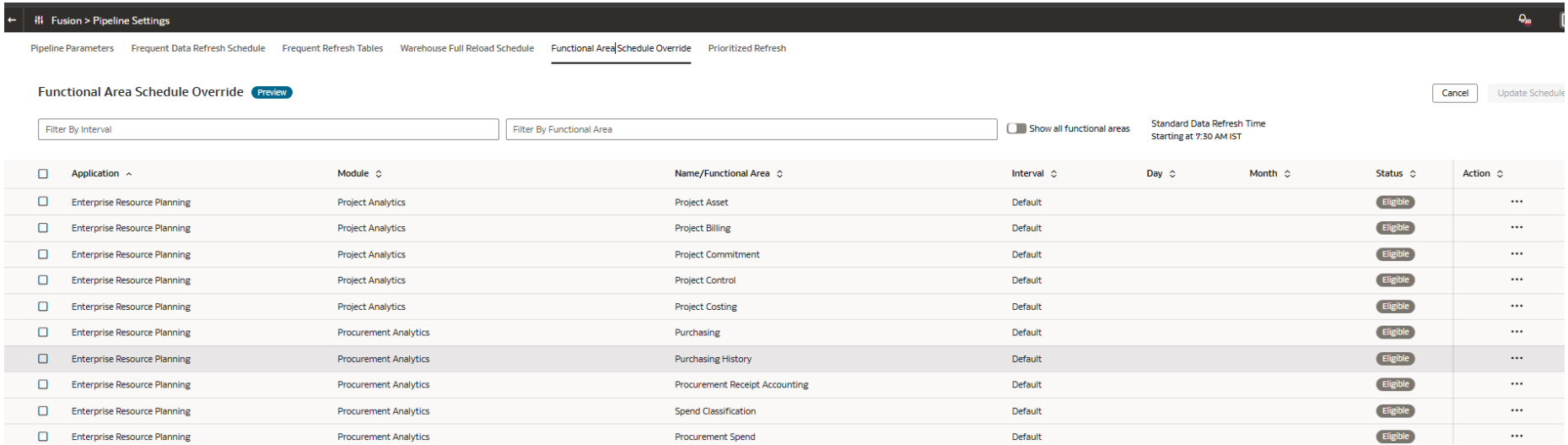

Data Configuration – Pipeline Settings

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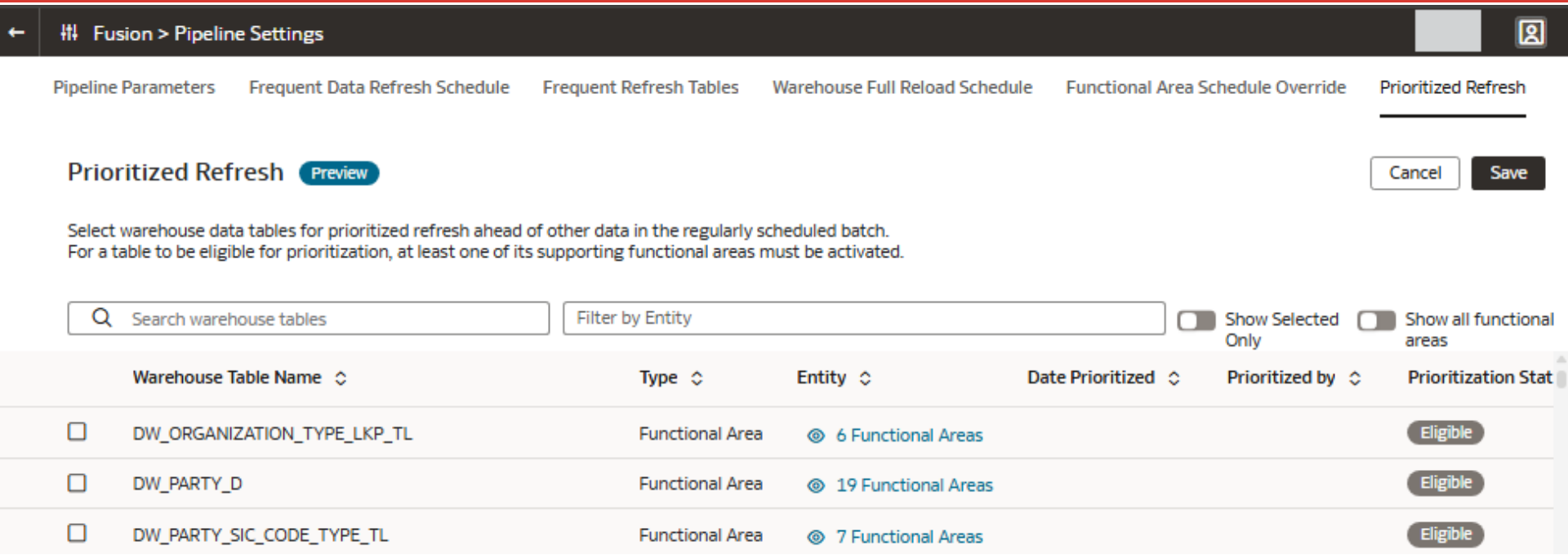
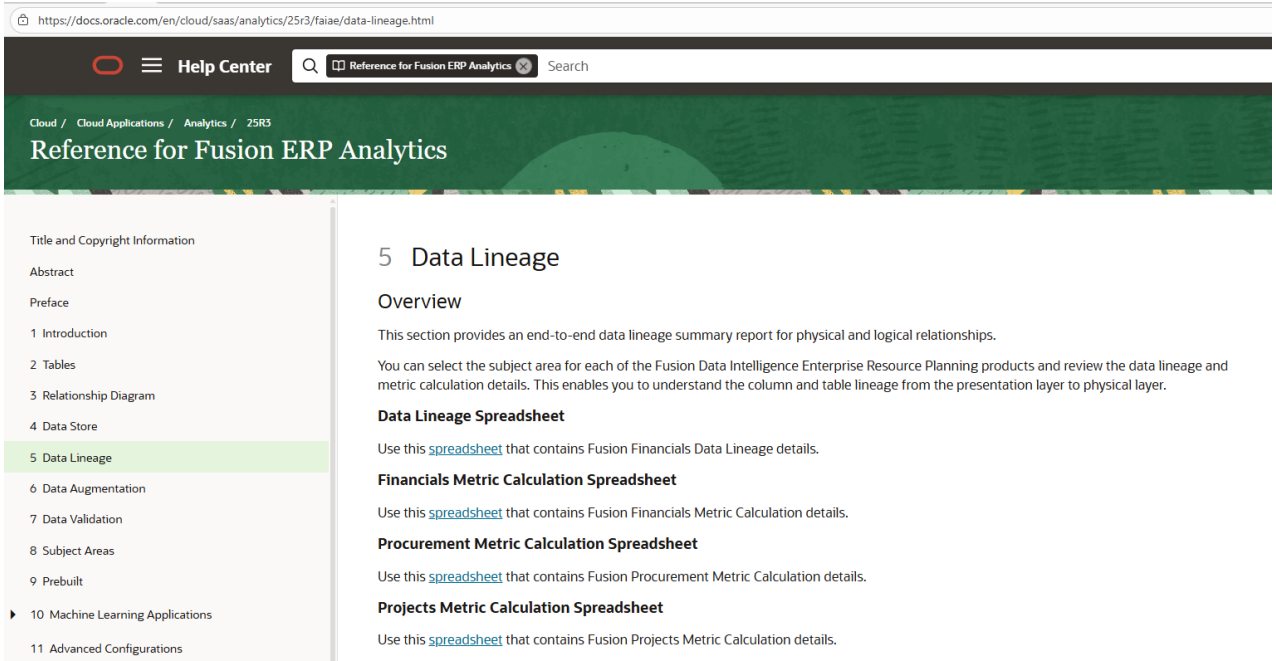


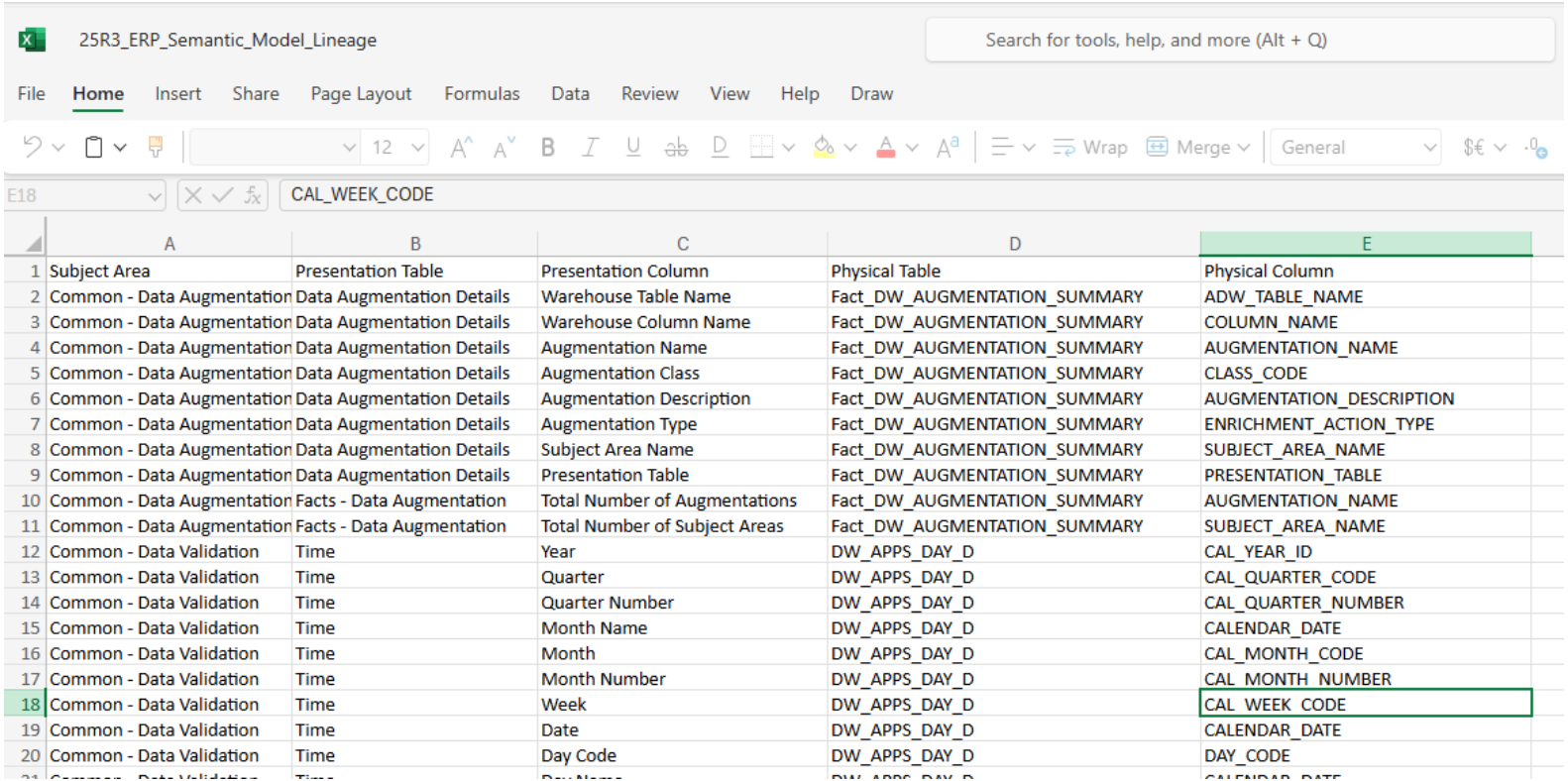
Data lineage

- Data pipelines is a black box
- There is data Lineage for FDI, but it does not show source
- There is data Lineage for OTBI
- FAW Content Explorer
- Developer Option

Semantic Model Lineage

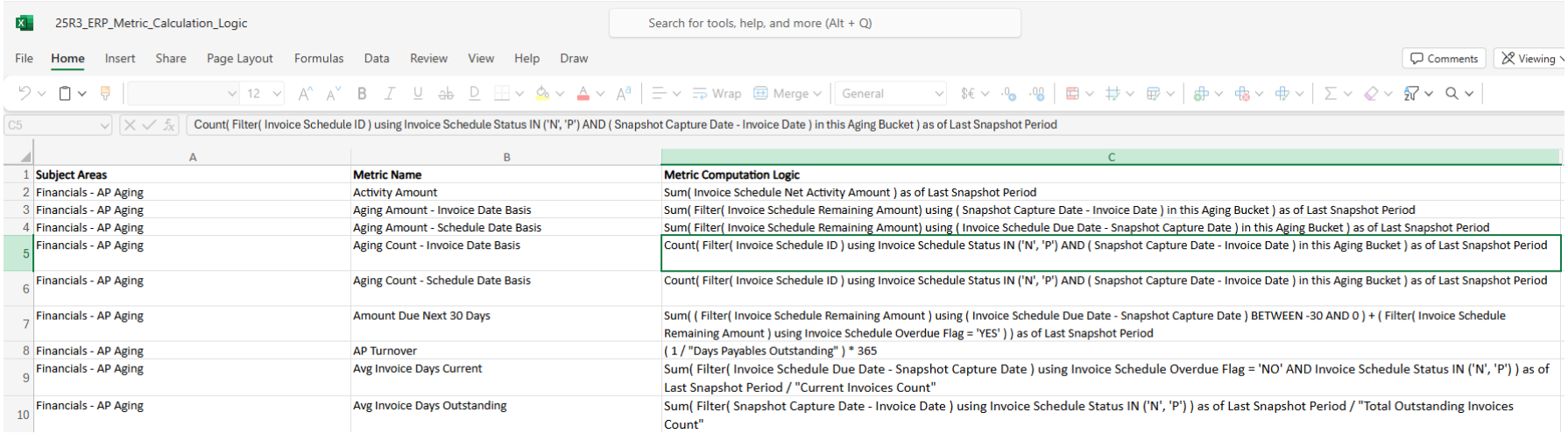


Semantic Model Lineage



	A	B	C	D	E
1	Subject Area	Presentation Table	Presentation Column	Physical Table	Physical Column
2	Common - Data Augmentation	Data Augmentation Details	Warehouse Table Name	Fact_DW_AUGMENTATION_SUMMARY	ADW_TABLE_NAME
3	Common - Data Augmentation	Data Augmentation Details	Warehouse Column Name	Fact_DW_AUGMENTATION_SUMMARY	COLUMN_NAME
4	Common - Data Augmentation	Data Augmentation Details	Augmentation Name	Fact_DW_AUGMENTATION_SUMMARY	AUGMENTATION_NAME
5	Common - Data Augmentation	Data Augmentation Details	Augmentation Class	Fact_DW_AUGMENTATION_SUMMARY	CLASS_CODE
6	Common - Data Augmentation	Data Augmentation Details	Augmentation Description	Fact_DW_AUGMENTATION_SUMMARY	AUGMENTATION_DESCRIPTION
7	Common - Data Augmentation	Data Augmentation Details	Augmentation Type	Fact_DW_AUGMENTATION_SUMMARY	ENRICHMENT_ACTION_TYPE
8	Common - Data Augmentation	Data Augmentation Details	Subject Area Name	Fact_DW_AUGMENTATION_SUMMARY	SUBJECT_AREA_NAME
9	Common - Data Augmentation	Data Augmentation Details	Presentation Table	Fact_DW_AUGMENTATION_SUMMARY	PRESENTATION_TABLE
10	Common - Data Augmentation	Facts - Data Augmentation	Total Number of Augmentations	Fact_DW_AUGMENTATION_SUMMARY	AUGMENTATION_NAME
11	Common - Data Augmentation	Facts - Data Augmentation	Total Number of Subject Areas	Fact_DW_AUGMENTATION_SUMMARY	SUBJECT_AREA_NAME
12	Common - Data Validation	Time	Year	DW_APPS_DAY_D	CAL_YEAR_ID
13	Common - Data Validation	Time	Quarter	DW_APPS_DAY_D	CAL_QUARTER_CODE
14	Common - Data Validation	Time	Quarter Number	DW_APPS_DAY_D	CAL_QUARTER_NUMBER
15	Common - Data Validation	Time	Month Name	DW_APPS_DAY_D	CALENDAR_DATE
16	Common - Data Validation	Time	Month	DW_APPS_DAY_D	CAL_MONTH_CODE
17	Common - Data Validation	Time	Month Number	DW_APPS_DAY_D	CAL_MONTH_NUMBER
18	Common - Data Validation	Time	Week	DW_APPS_DAY_D	CAL_WEEK_CODE
19	Common - Data Validation	Time	Date	DW_APPS_DAY_D	CALENDAR_DATE
20	Common - Data Validation	Time	Day Code	DW_APPS_DAY_D	DAY_CODE

Semantic Model Lineage



	A	B	C
1	**Subject Areas**	**Metric Name**	**Metric Computation Logic**
2	Financials - AP Aging	Activity Amount	Sum(Invoice Schedule Net Activity Amount) as of Last Snapshot Period
3	Financials - AP Aging	Aging Amount - Invoice Date Basis	Sum(Filter(Invoice Schedule Remaining Amount) using (Snapshot Capture Date - Invoice Date) in this Aging Bucket) as of Last Snapshot Period
4	Financials - AP Aging	Aging Amount - Schedule Date Basis	Sum(Filter(Invoice Schedule Remaining Amount) using (Invoice Schedule Due Date - Snapshot Capture Date) in this Aging Bucket) as of Last Snapshot Period
5	Financials - AP Aging	Aging Count - Invoice Date Basis	Count(Filter(Invoice Schedule ID) using Invoice Schedule Status IN ('N', 'P') AND (Snapshot Capture Date - Invoice Date) in this Aging Bucket) as of Last Snapshot Period
6	Financials - AP Aging	Aging Count - Schedule Date Basis	Count(Filter(Invoice Schedule ID) using Invoice Schedule Status IN ('N', 'P') AND (Snapshot Capture Date - Invoice Date) in this Aging Bucket) as of Last Snapshot Period
7	Financials - AP Aging	Amount Due Next 30 Days	Sum((Filter(Invoice Schedule Remaining Amount) using (Invoice Schedule Due Date - Snapshot Capture Date) BETWEEN -30 AND 0) + (Filter(Invoice Schedule Remaining Amount) using Invoice Schedule Overdue Flag = 'YES')) as of Last Snapshot Period
8	Financials - AP Aging	AP Turnover	(1 / "Days Payables Outstanding") * 365
9	Financials - AP Aging	Avg Invoice Days Current	Sum(Filter(Invoice Schedule Due Date - Snapshot Capture Date) using Invoice Schedule Overdue Flag = 'NO' AND Invoice Schedule Status IN ('N', 'P')) as of Last Snapshot Period / "Current Invoices Count"
10	Financials - AP Aging	Avg Invoice Days Outstanding	Sum(Filter(Snapshot Capture Date - Invoice Date) using Invoice Schedule Status IN ('N', 'P')) as of Last Snapshot Period / "Total Outstanding Invoices Count"

Data lineage - FAW Content Explorer

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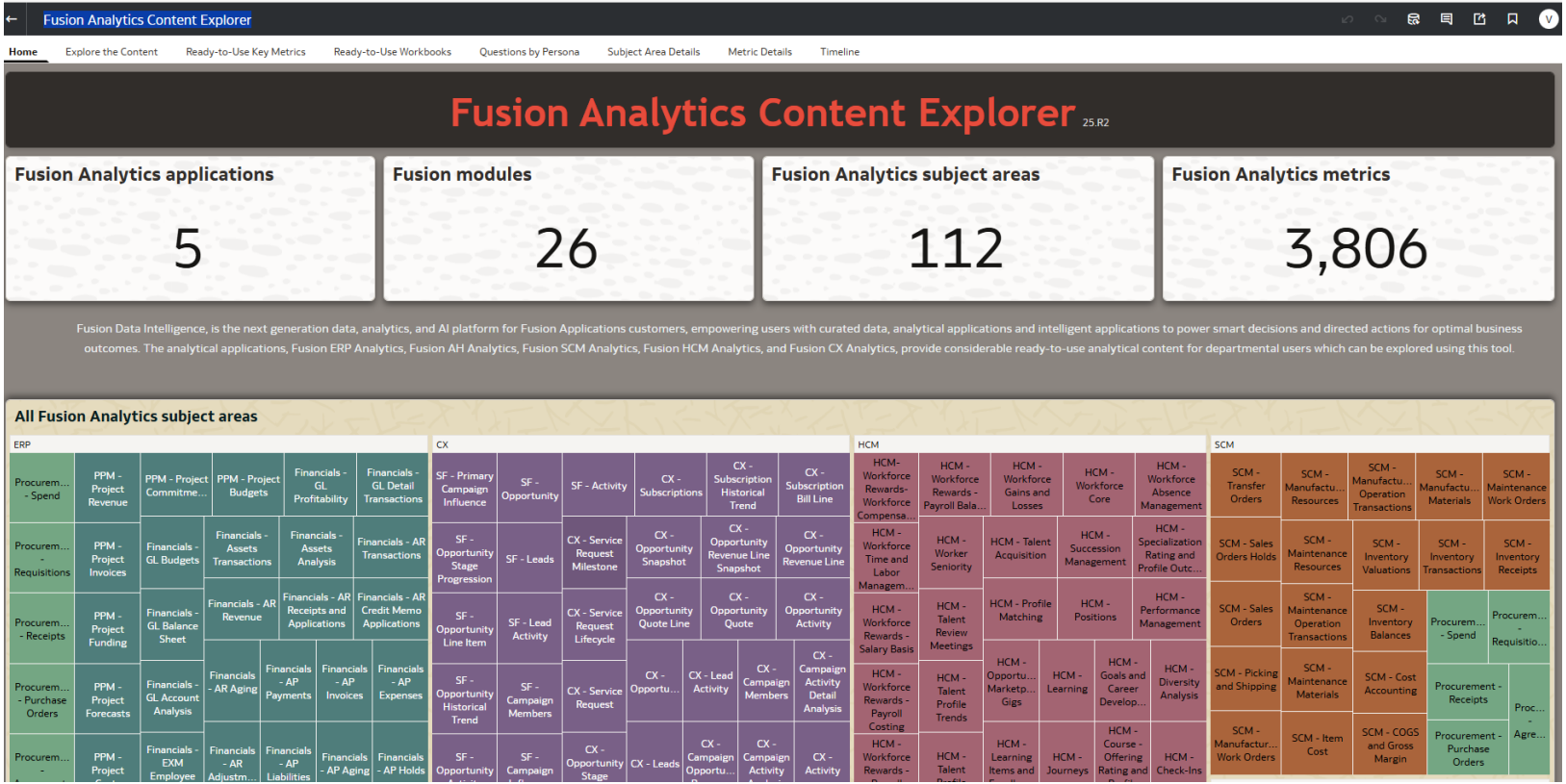
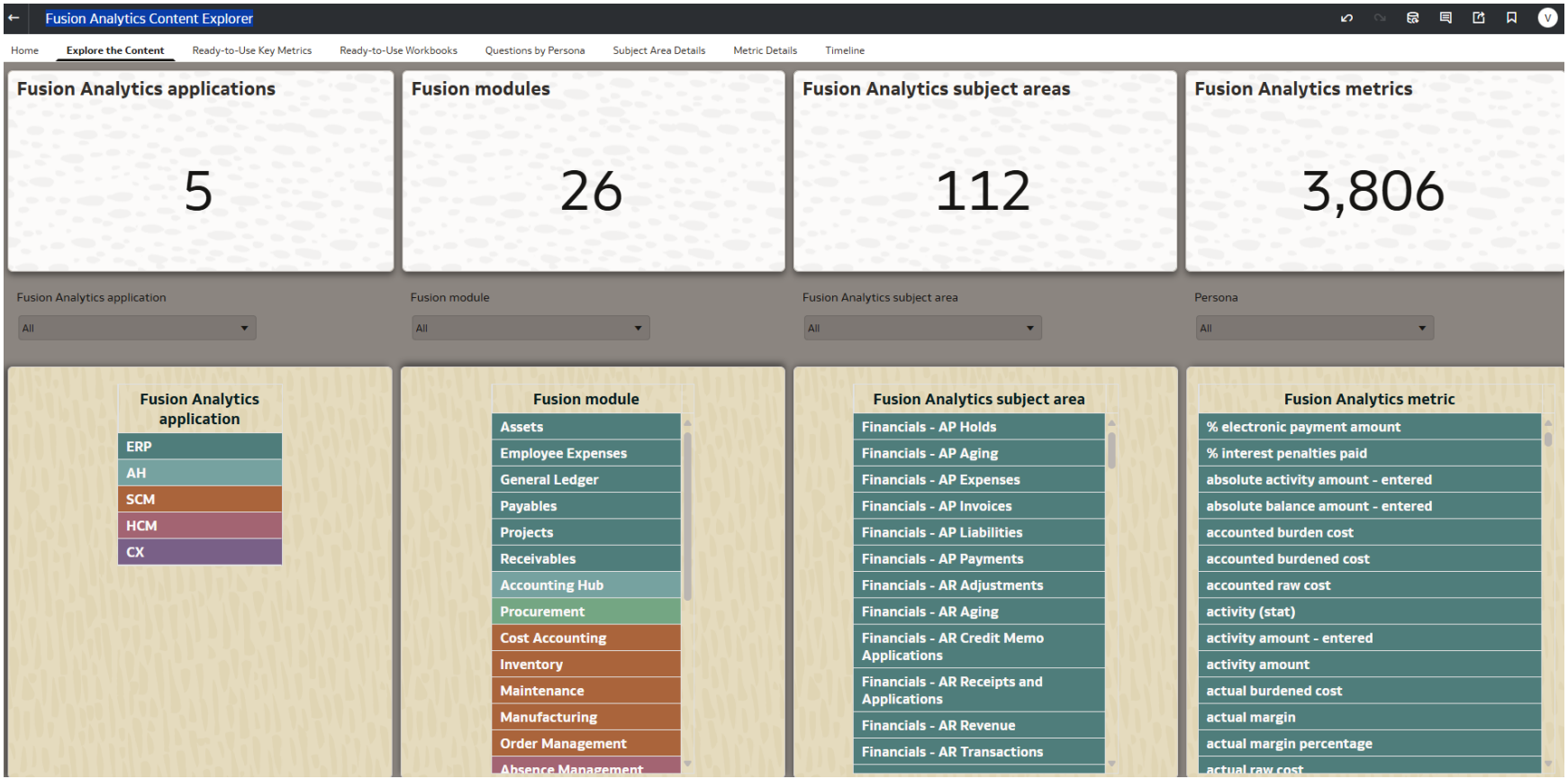
http://rebrand.ly/FusionAnalyticsContentExplorer

https://oac-public.com/ui/dv/ui/home.jsp?anonymous=true&pageid=visualAnalyzer&reportmode=full&reportpath=%2F%40Catalog%2Fshared%2FFeatured%20Samples%2FFusion%20Analytics%20Content%20Explorer

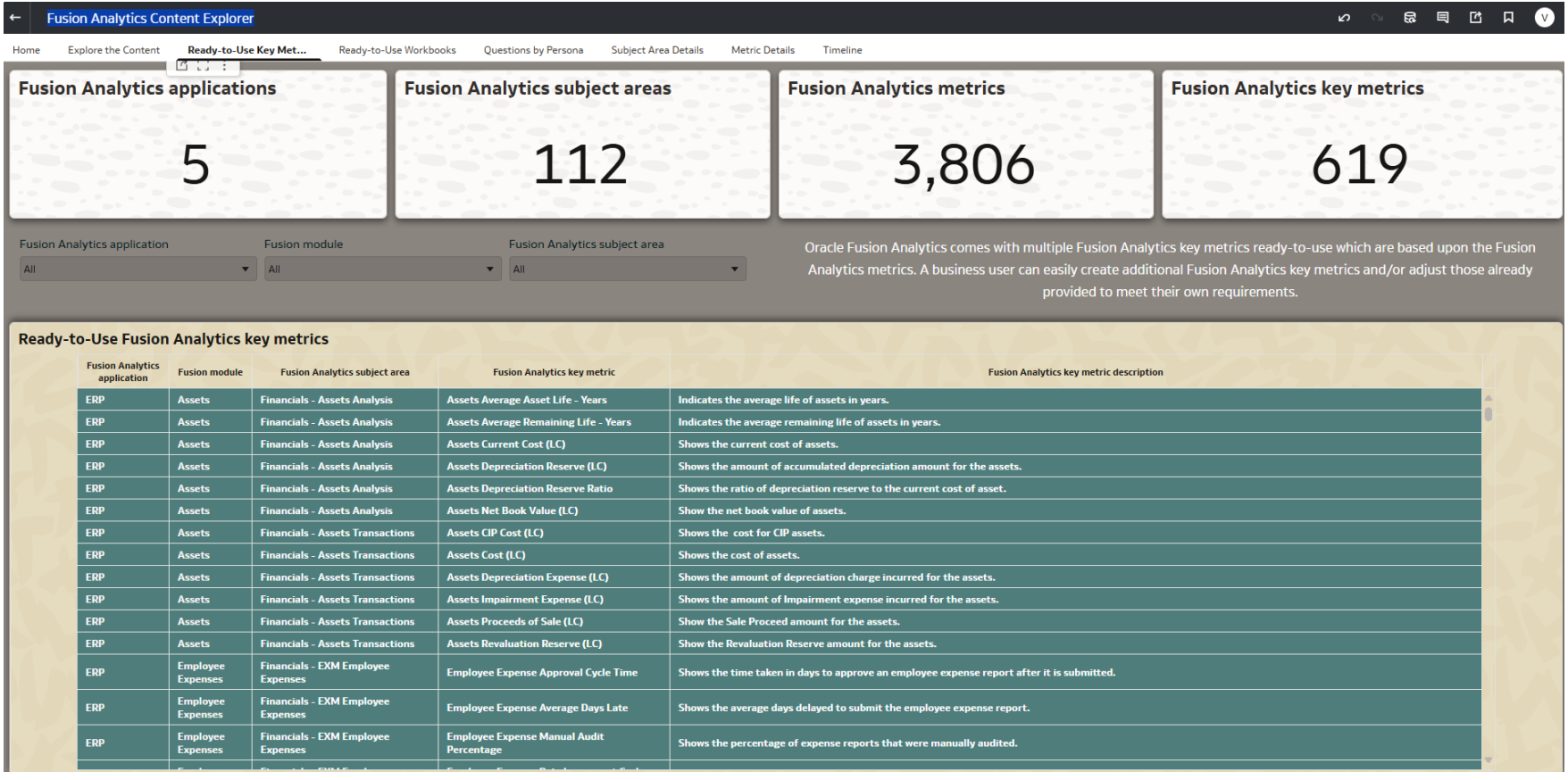
Data lineage - FAW Content Explorer



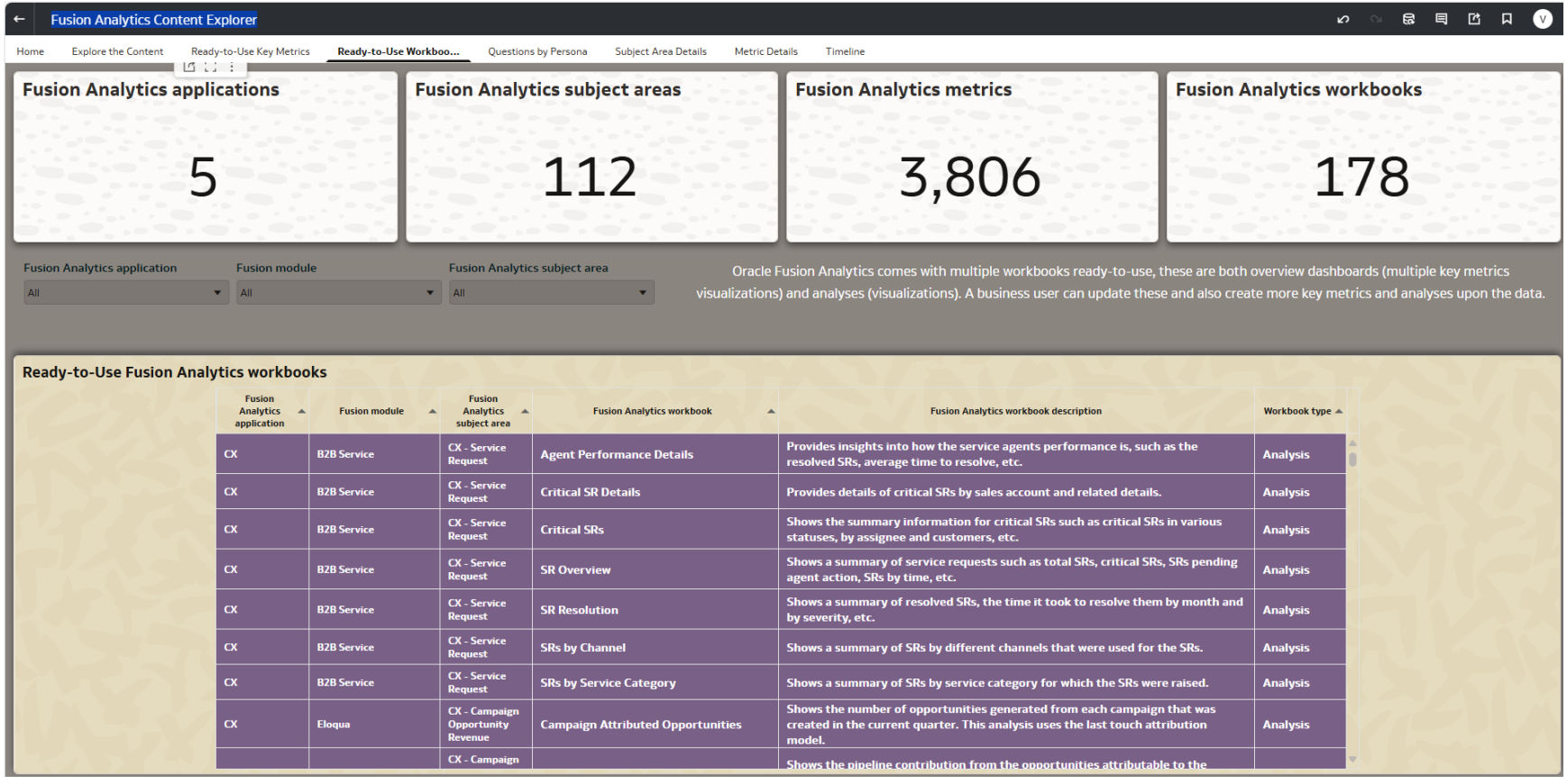
Data lineage - FAW Content Explorer



Data lineage - FAW Content Explorer



Data lineage - FAW Content Explorer



Fusion Analytics application	Fusion module	Fusion Analytics subject area	Fusion Analytics workbook	Fusion Analytics workbook description	Workbook type
CX	B2B Service	CX - Service Request	Agent Performance Details	Provides insights into how the service agents performance is, such as the resolved SRs, average time to resolve, etc.	Analysis
CX	B2B Service	CX - Service Request	Critical SR Details	Provides details of critical SRs by sales account and related details.	Analysis
CX	B2B Service	CX - Service Request	Critical SRs	Shows the summary information for critical SRs such as critical SRs in various statuses, by assignee and customers, etc.	Analysis
CX	B2B Service	CX - Service Request	SR Overview	Shows a summary of service requests such as total SRs, critical SRs, SRs pending agent action, SRs by time, etc.	Analysis
CX	B2B Service	CX - Service Request	SR Resolution	Shows a summary of resolved SRs, the time it took to resolve them by month and by severity, etc.	Analysis
CX	B2B Service	CX - Service Request	SRs by Channel	Shows a summary of SRs by different channels that were used for the SRs.	Analysis
CX	B2B Service	CX - Service Request	SRs by Service Category	Shows a summary of SRs by service category for which the SRs were raised.	Analysis
CX	Eloqua	CX - Campaign Opportunity Revenue	Campaign Attributed Opportunities	Shows the number of opportunities generated from each campaign that was created in the current quarter. This analysis uses the last touch attribution model.	Analysis
		CX - Campaign		Shows the pipeline contribution from the opportunities attributable to the	

Data lineage - FAW Content Explorer

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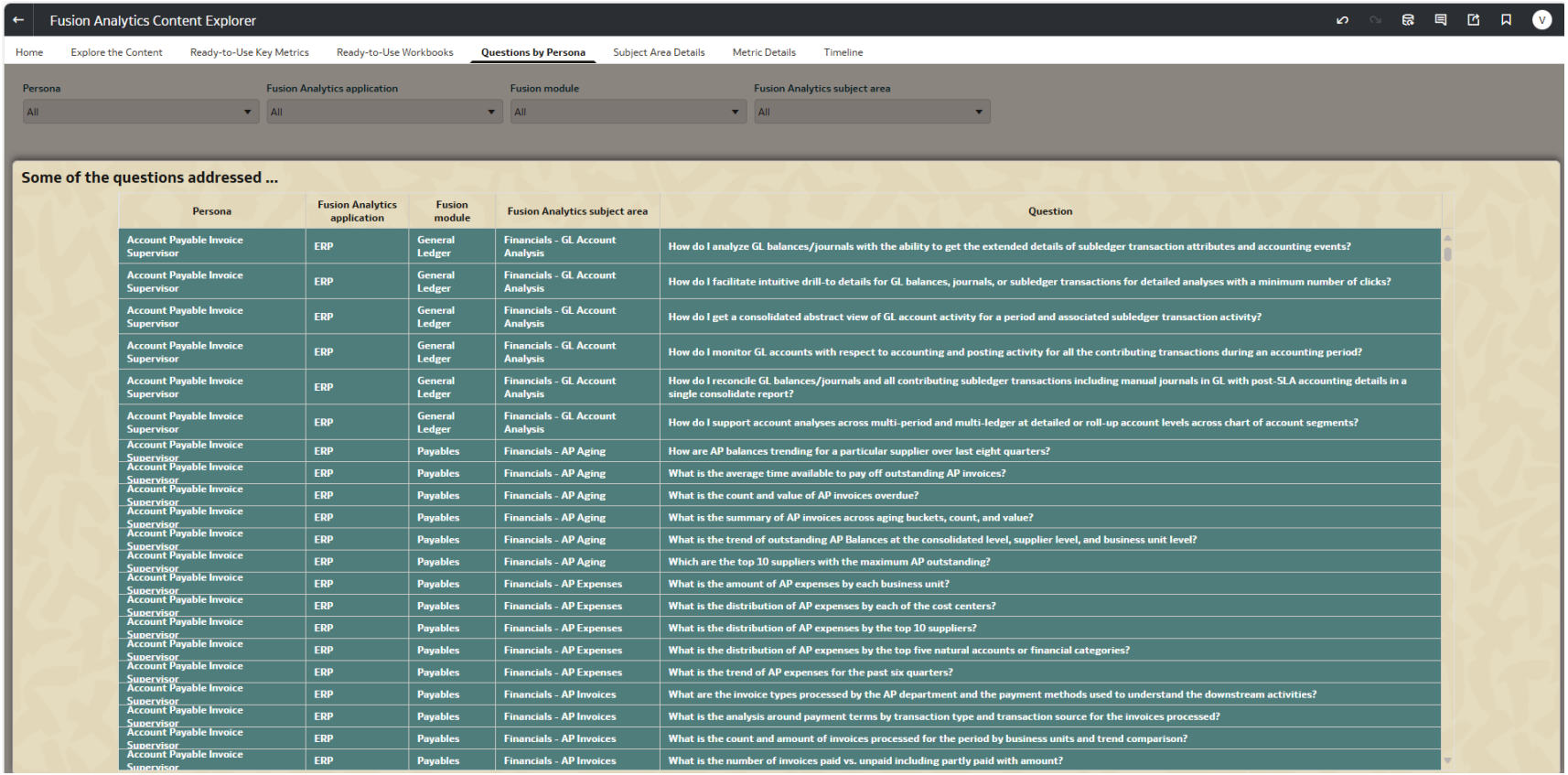

Some of the questions addressed ...

Persona	Fusion Analytics application	Fusion module	Fusion Analytics subject area	Question
Account Payable Invoice Supervisor	ERP	General Ledger	Financials - GL Account Analysis	How do I analyze GL balances/journals with the ability to get the extended details of subledger transaction attributes and accounting events?
Account Payable Invoice Supervisor	ERP	General Ledger	Financials - GL Account Analysis	How do I facilitate intuitive drill-to details for GL balances, journals, or subledger transactions for detailed analyses with a minimum number of clicks?
Account Payable Invoice Supervisor	ERP	General Ledger	Financials - GL Account Analysis	How do I get a consolidated abstract view of GL account activity for a period and associated subledger transaction activity?
Account Payable Invoice Supervisor	ERP	General Ledger	Financials - GL Account Analysis	How do I monitor GL accounts with respect to accounting and posting activity for all the contributing transactions during an accounting period?
Account Payable Invoice Supervisor	ERP	General Ledger	Financials - GL Account Analysis	How do I reconcile GL balances/journals and all contributing subledger transactions including manual journals in GL with post-SLA accounting details in a single consolidate report?
Account Payable Invoice Supervisor	ERP	General Ledger	Financials - GL Account Analysis	How do I support account analyses across multi-period and multi-ledger at detailed or roll-up account levels across chart of account segments?
Account Payable Invoice Supervisor	ERP	Payables	Financials - AP Aging	How are AP balances trending for a particular supplier over last eight quarters?
Account Payable Invoice Supervisor	ERP	Payables	Financials - AP Aging	What is the average time available to pay off outstanding AP invoices?
Account Payable Invoice Supervisor	ERP	Payables	Financials - AP Aging	What is the count and value of AP invoices overdue?
Account Payable Invoice Supervisor	ERP	Payables	Financials - AP Aging	What is the summary of AP invoices across aging buckets, count, and value?
Account Payable Invoice Supervisor	ERP	Payables	Financials - AP Aging	What is the trend of outstanding AP Balances at the consolidated level, supplier level, and business unit level?
Account Payable Invoice Supervisor	ERP	Payables	Financials - AP Aging	Which are the top 10 suppliers with the maximum AP outstanding?
Account Payable Invoice Supervisor	ERP	Payables	Financials - AP Expenses	What is the amount of AP expenses by each business unit?
Account Payable Invoice Supervisor	ERP	Payables	Financials - AP Expenses	What is the distribution of AP expenses by each of the cost centers?
Account Payable Invoice Supervisor	ERP	Payables	Financials - AP Expenses	What is the distribution of AP expenses by the top 10 suppliers?
Account Payable Invoice Supervisor	ERP	Payables	Financials - AP Expenses	What is the distribution of AP expenses by the top five natural accounts or financial categories?
Account Payable Invoice Supervisor	ERP	Payables	Financials - AP Expenses	What is the trend of AP expenses for the past six quarters?
Account Payable Invoice Supervisor	ERP	Payables	Financials - AP Invoices	What are the invoice types processed by the AP department and the payment methods used to understand the downstream activities?
Account Payable Invoice Supervisor	ERP	Payables	Financials - AP Invoices	What is the analysis around payment terms by transaction type and transaction source for the invoices processed?
Account Payable Invoice Supervisor	ERP	Payables	Financials - AP Invoices	What is the count and amount of invoices processed for the period by business units and trend comparison?
Account Payable Invoice Supervisor	ERP	Payables	Financials - AP Invoices	What is the number of invoices paid vs. unpaid including partly paid with amount?

Data lineage - FAW Content Explorer

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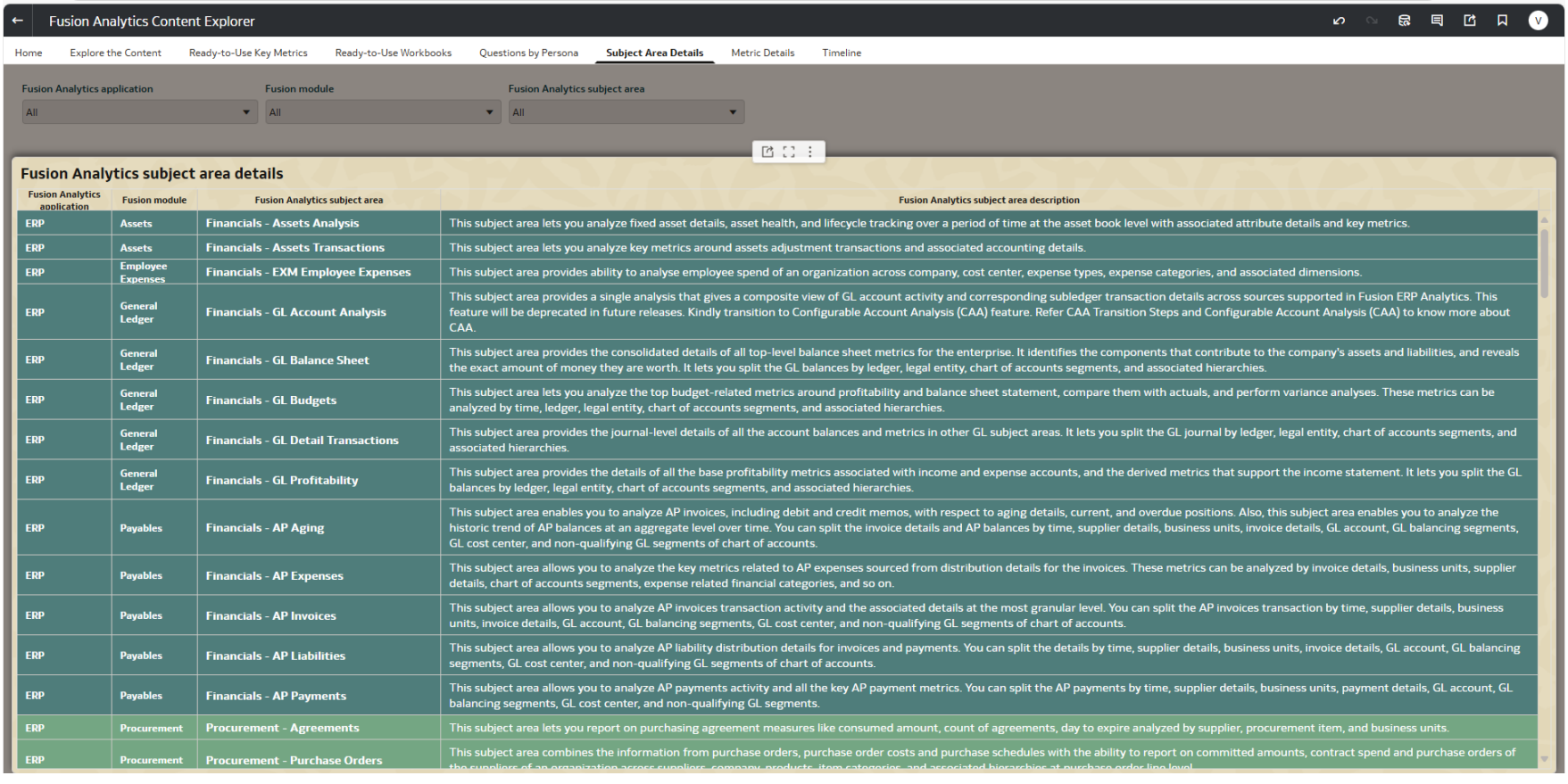
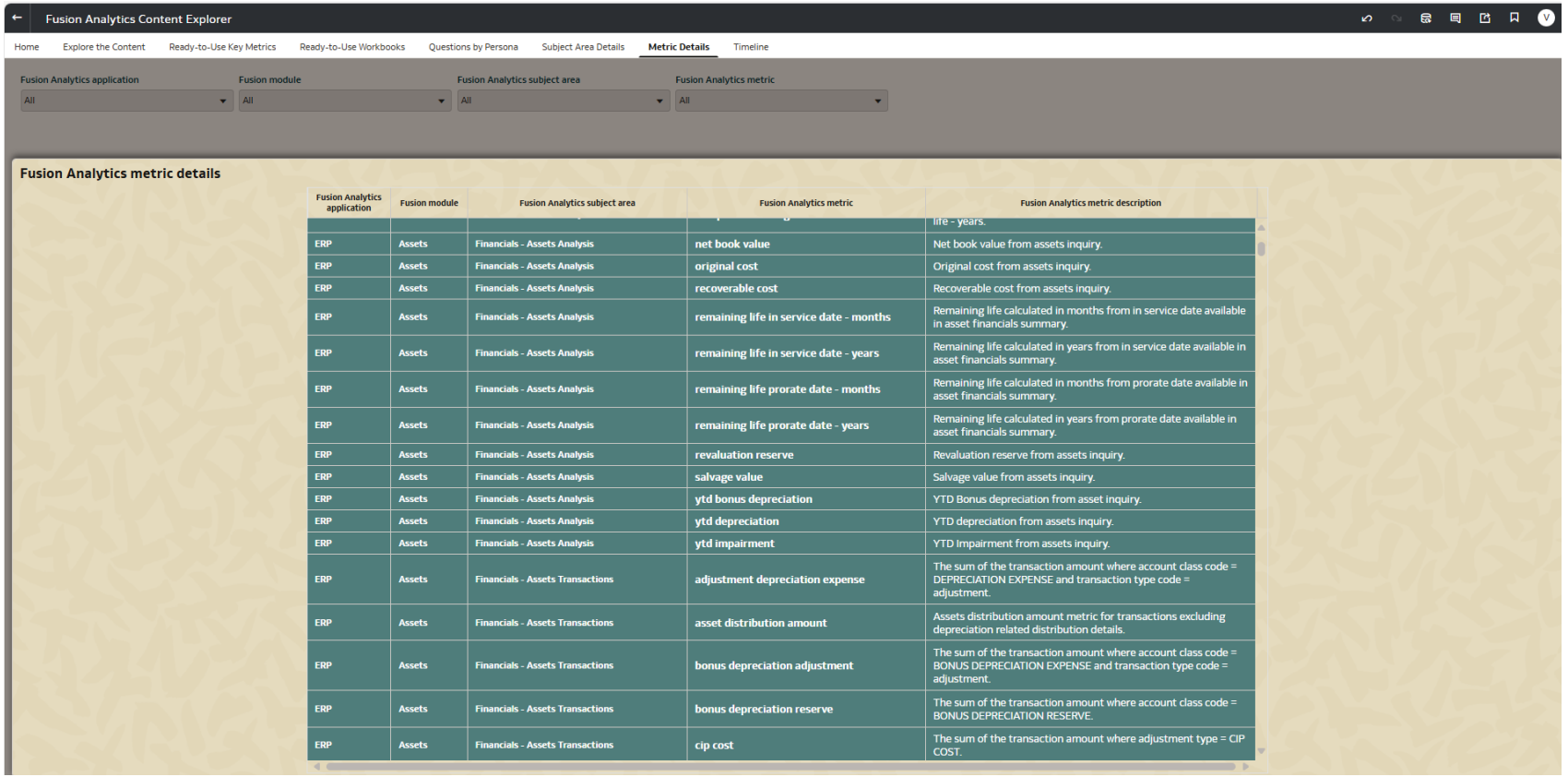


Fusion Analytics subject area details

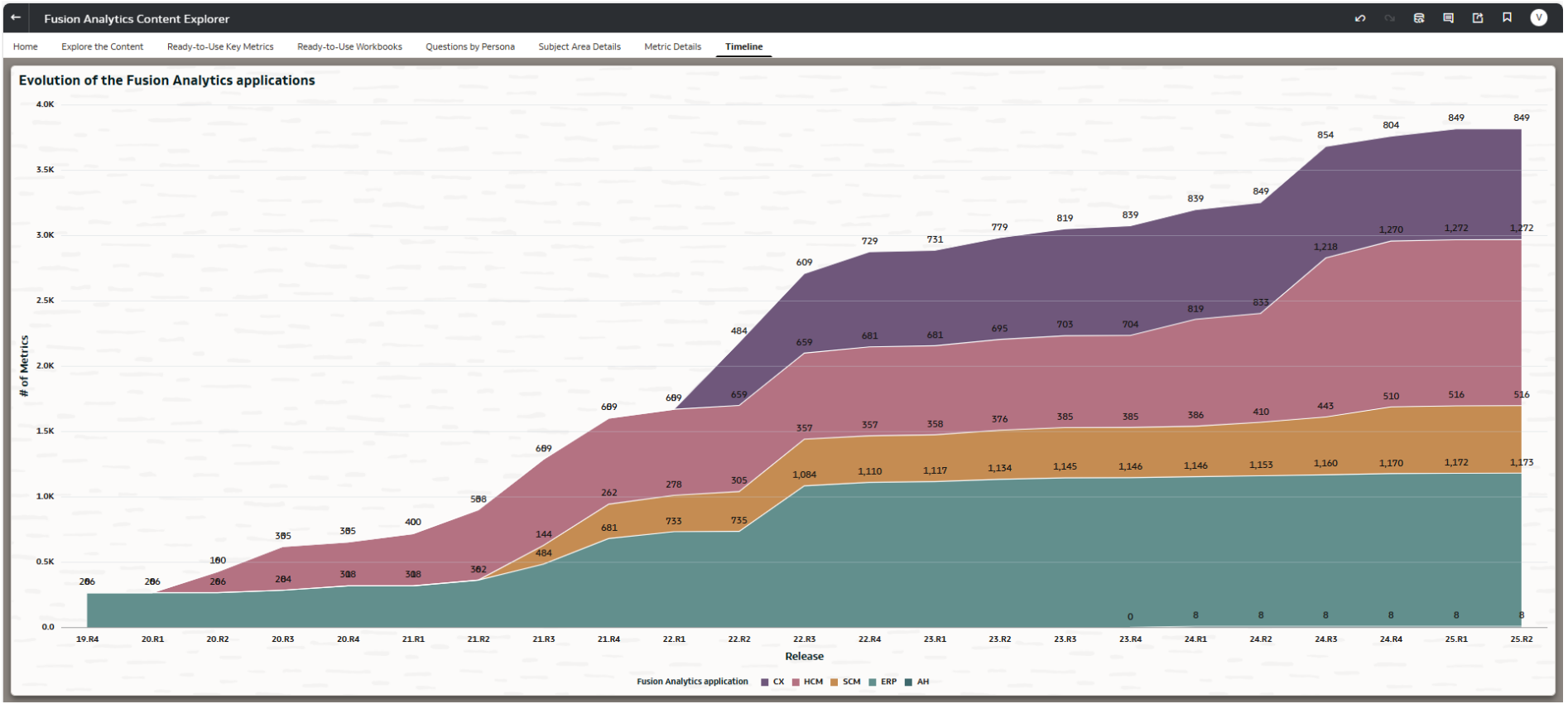
Fusion Analytics application	Fusion module	Fusion Analytics subject area	Fusion Analytics subject area description
ERP	Assets	Financials - Assets Analysis	This subject area lets you analyze fixed asset details, asset health, and lifecycle tracking over a period of time at the asset book level with associated attribute details and key metrics.
ERP	Assets	Financials - Assets Transactions	This subject area lets you analyze key metrics around assets adjustment transactions and associated accounting details.
ERP	Employee Expenses	Financials - EXM Employee Expenses	This subject area provides ability to analyse employee spend of an organization across company, cost center, expense types, expense categories, and associated dimensions.
ERP	General Ledger	Financials - GL Account Analysis	This subject area provides a single analysis that gives a composite view of GL account activity and corresponding subledger transaction details across sources supported in Fusion ERP Analytics. This feature will be deprecated in future releases. Kindly transition to Configurable Account Analysis (CAA) feature. Refer CAA Transition Steps and Configurable Account Analysis (CAA) to know more about CAA.
ERP	General Ledger	Financials - GL Balance Sheet	This subject area provides the consolidated details of all top-level balance sheet metrics for the enterprise. It identifies the components that contribute to the company's assets and liabilities, and reveals the exact amount of money they are worth. It lets you split the GL balances by ledger, legal entity, chart of accounts segments, and associated hierarchies.
ERP	General Ledger	Financials - GL Budgets	This subject area lets you analyze the top budget-related metrics around profitability and balance sheet statement, compare them with actuals, and perform variance analyses. These metrics can be analyzed by time, ledger, legal entity, chart of accounts segments, and associated hierarchies.
ERP	General Ledger	Financials - GL Detail Transactions	This subject area provides the journal-level details of all the account balances and metrics in other GL subject areas. It lets you split the GL journal by ledger, legal entity, chart of accounts segments, and associated hierarchies.
ERP	General Ledger	Financials - GL Profitability	This subject area provides the details of all the base profitability metrics associated with income and expense accounts, and the derived metrics that support the income statement. It lets you split the GL balances by ledger, legal entity, chart of accounts segments, and associated hierarchies.
ERP	Payables	Financials - AP Aging	This subject area enables you to analyze AP invoices, including debit and credit memos, with respect to aging details, current, and overdue positions. Also, this subject area enables you to analyze the historic trend of AP balances at an aggregate level over time. You can split the invoice details and AP balances by time, supplier details, business units, invoice details, GL account, GL balancing segments, GL cost center, and non-qualifying GL segments of chart of accounts.
ERP	Payables	Financials - AP Expenses	This subject area allows you to analyze the key metrics related to AP expenses sourced from distribution details for the invoices. These metrics can be analyzed by invoice details, business units, supplier details, chart of accounts segments, expense related financial categories, and so on.
ERP	Payables	Financials - AP Invoices	This subject area allows you to analyze AP invoices transaction activity and the associated details at the most granular level. You can split the AP invoices transaction by time, supplier details, business units, invoice details, GL account, GL balancing segments, GL cost center, and non-qualifying GL segments of chart of accounts.
ERP	Payables	Financials - AP Liabilities	This subject area allows you to analyze AP liability distribution details for invoices and payments. You can split the details by time, supplier details, business units, invoice details, GL account, GL balancing segments, GL cost center, and non-qualifying GL segments of chart of accounts.
ERP	Payables	Financials - AP Payments	This subject area allows you to analyze AP payments activity and all the key AP payment metrics. You can split the AP payments by time, supplier details, business units, payment details, GL account, GL balancing segments, GL cost center, and non-qualifying GL segments.
ERP	Procurement	Procurement - Agreements	This subject area lets you report on purchasing agreement measures like consumed amount, count of agreements, day to expire analyzed by supplier, procurement item, and business units.
ERP	Procurement	Procurement - Purchase Orders	This subject area combines the information from purchase orders, purchase order costs and purchase schedules with the ability to report on committed amounts, contract spend and purchase orders of the suppliers of an organization across suppliers, company, products, item categories, and associated hierarchies at purchase order line level.

Data lineage - FAW Content Explorer

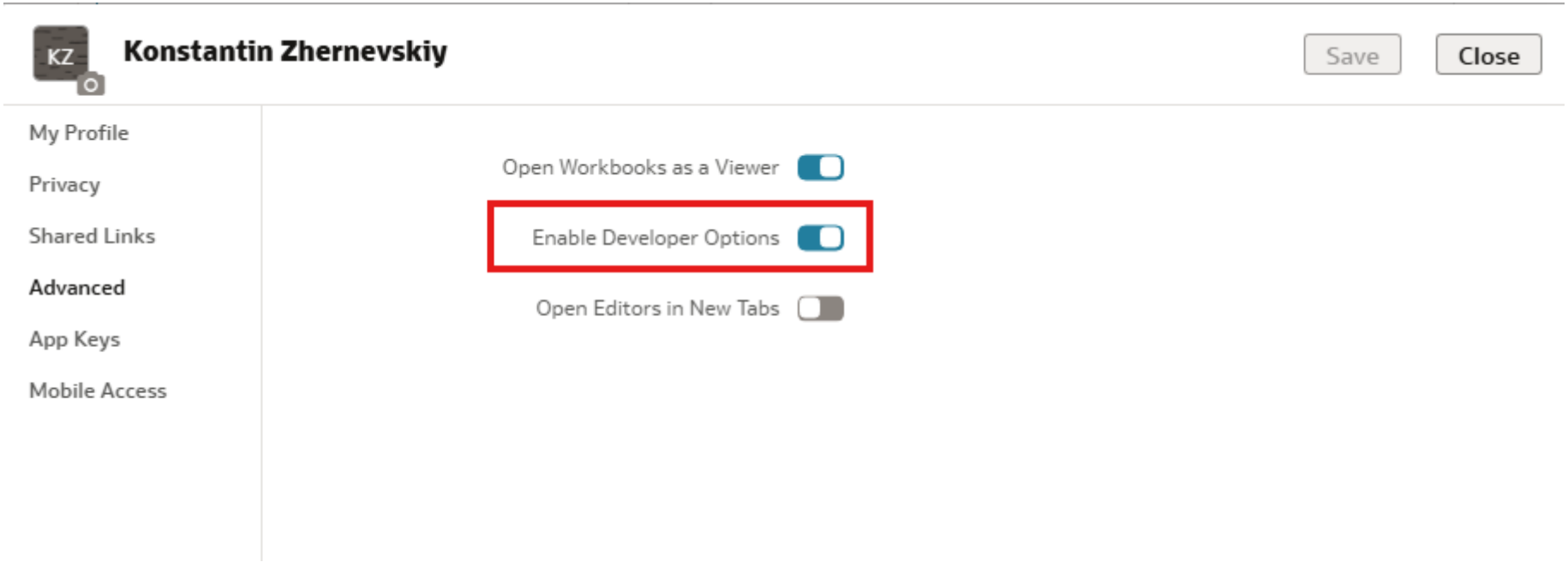


Fusion Analytics application	Fusion module	Fusion Analytics subject area	Fusion Analytics metric	Fusion Analytics metric description
				life - years.
ERP	Assets	Financials - Assets Analysis	net book value	Net book value from assets inquiry.
ERP	Assets	Financials - Assets Analysis	original cost	Original cost from assets inquiry.
ERP	Assets	Financials - Assets Analysis	recoverable cost	Recoverable cost from assets inquiry.
ERP	Assets	Financials - Assets Analysis	remaining life in service date - months	Remaining life calculated in months from in service date available in asset financials summary.
ERP	Assets	Financials - Assets Analysis	remaining life in service date - years	Remaining life calculated in years from in service date available in asset financials summary.
ERP	Assets	Financials - Assets Analysis	remaining life prorate date - months	Remaining life calculated in months from prorate date available in asset financials summary.
ERP	Assets	Financials - Assets Analysis	remaining life prorate date - years	Remaining life calculated in years from prorate date available in asset financials summary.
ERP	Assets	Financials - Assets Analysis	revaluation reserve	Revaluation reserve from assets inquiry.
ERP	Assets	Financials - Assets Analysis	salvage value	Salvage value from assets inquiry.
ERP	Assets	Financials - Assets Analysis	ytd bonus depreciation	YTD Bonus depreciation from asset inquiry.
ERP	Assets	Financials - Assets Analysis	ytd depreciation	YTD depreciation from assets inquiry.
ERP	Assets	Financials - Assets Analysis	ytd impairment	YTD Impairment from assets inquiry.
ERP	Assets	Financials - Assets Transactions	adjustment depreciation expense	The sum of the transaction amount where account class code = DEPRECIATION EXPENSE and transaction type code = adjustment.
ERP	Assets	Financials - Assets Transactions	asset distribution amount	Assets distribution amount metric for transactions excluding depreciation related distribution details.
ERP	Assets	Financials - Assets Transactions	bonus depreciation adjustment	The sum of the transaction amount where account class code = BONUS DEPRECIATION EXPENSE and transaction type code = adjustment.
ERP	Assets	Financials - Assets Transactions	bonus depreciation reserve	The sum of the transaction amount where account class code = BONUS DEPRECIATION RESERVE.
ERP	Assets	Financials - Assets Transactions	cip cost	The sum of the transaction amount where adjustment type = CIP COST.

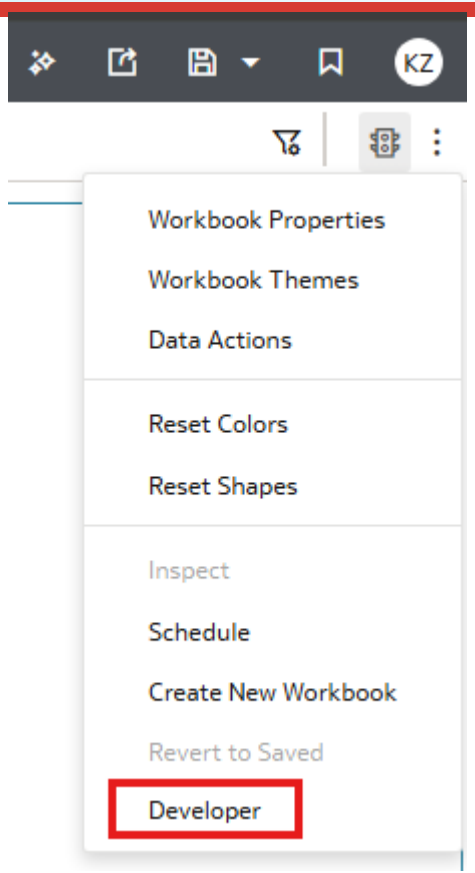
Data lineage - FAW Content Explorer



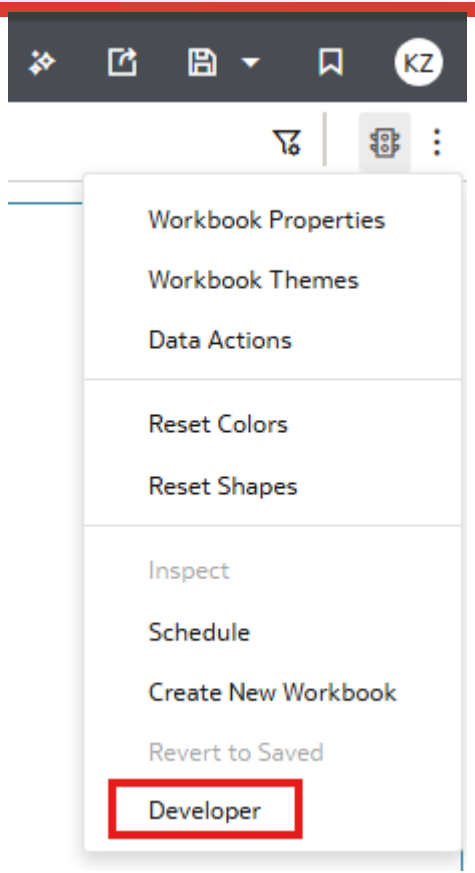
Data lineage –Developer Option



Data lineage –Developer Option



Data lineage –Developer Option



Data lineage –Developer Option

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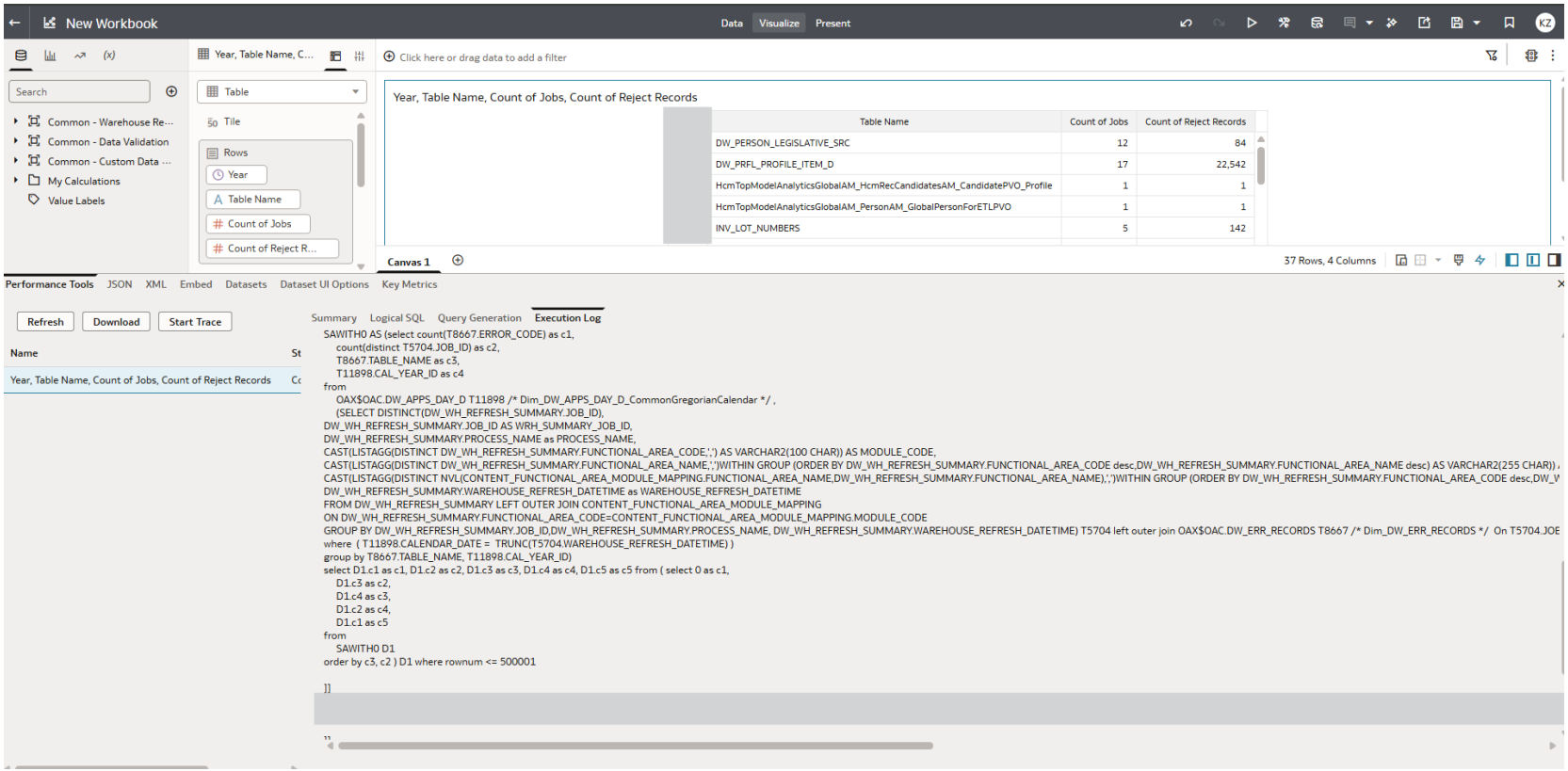
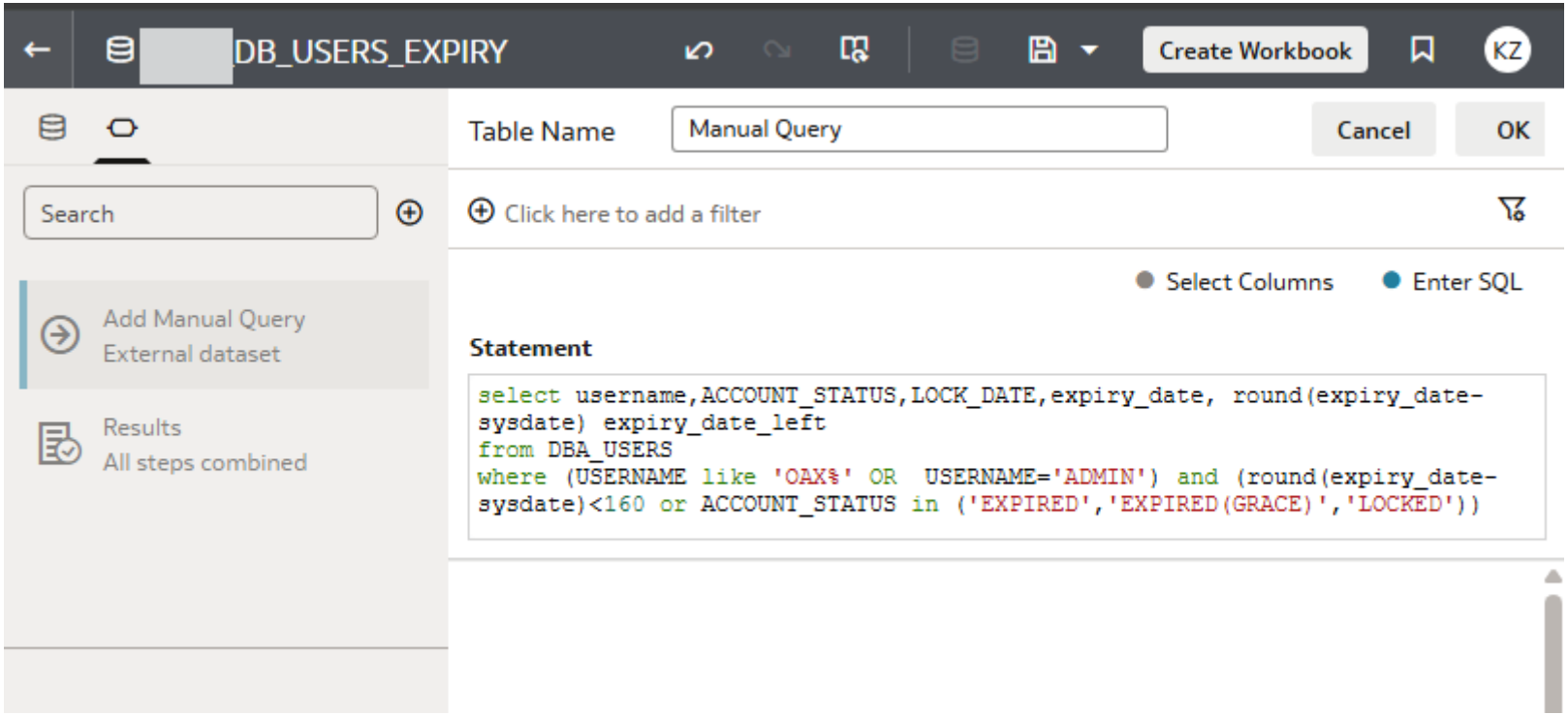


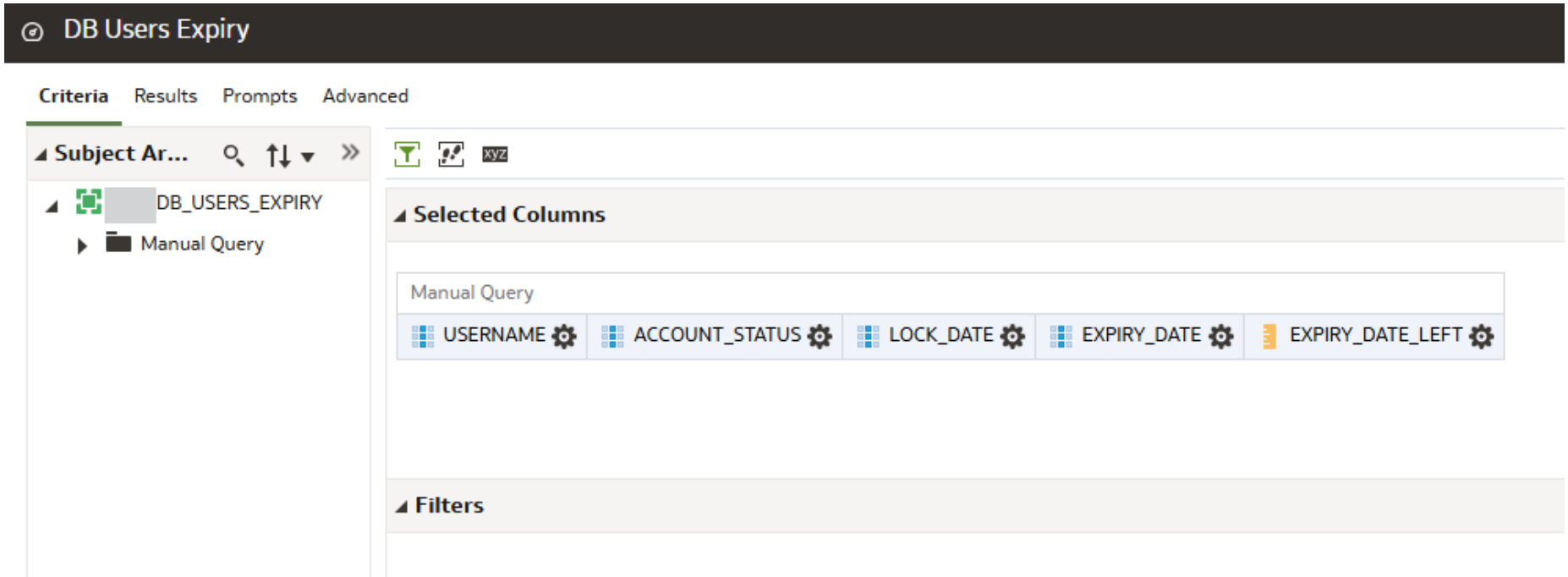
Users OAX_USER and ADMIN

- Oracle Fusion Data Intelligence provides default users/schemas ADMIN and OAX_USER.
- You can create custom schemas to meet your customization requirements.
- Password expire every 6 month
- You need to monitor this to avoid downtime

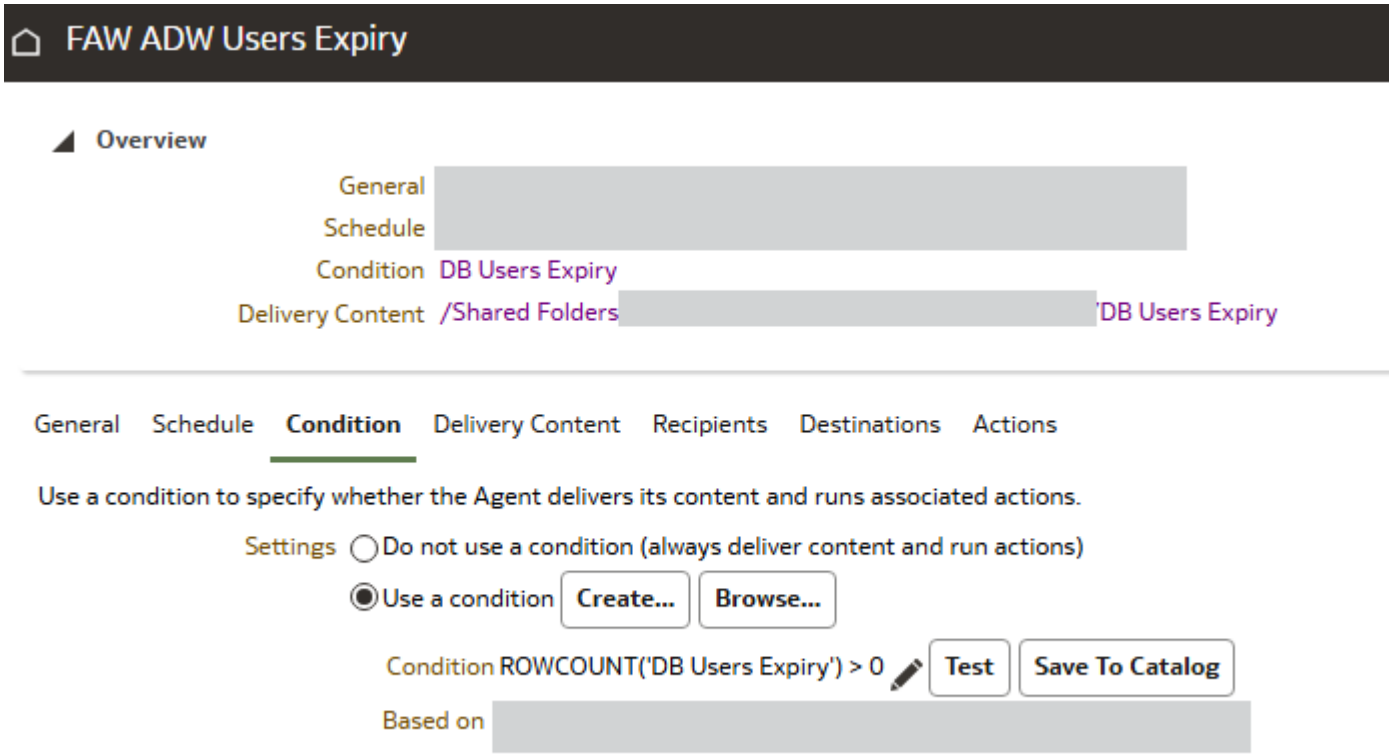
Users OAX_USER and ADMIN



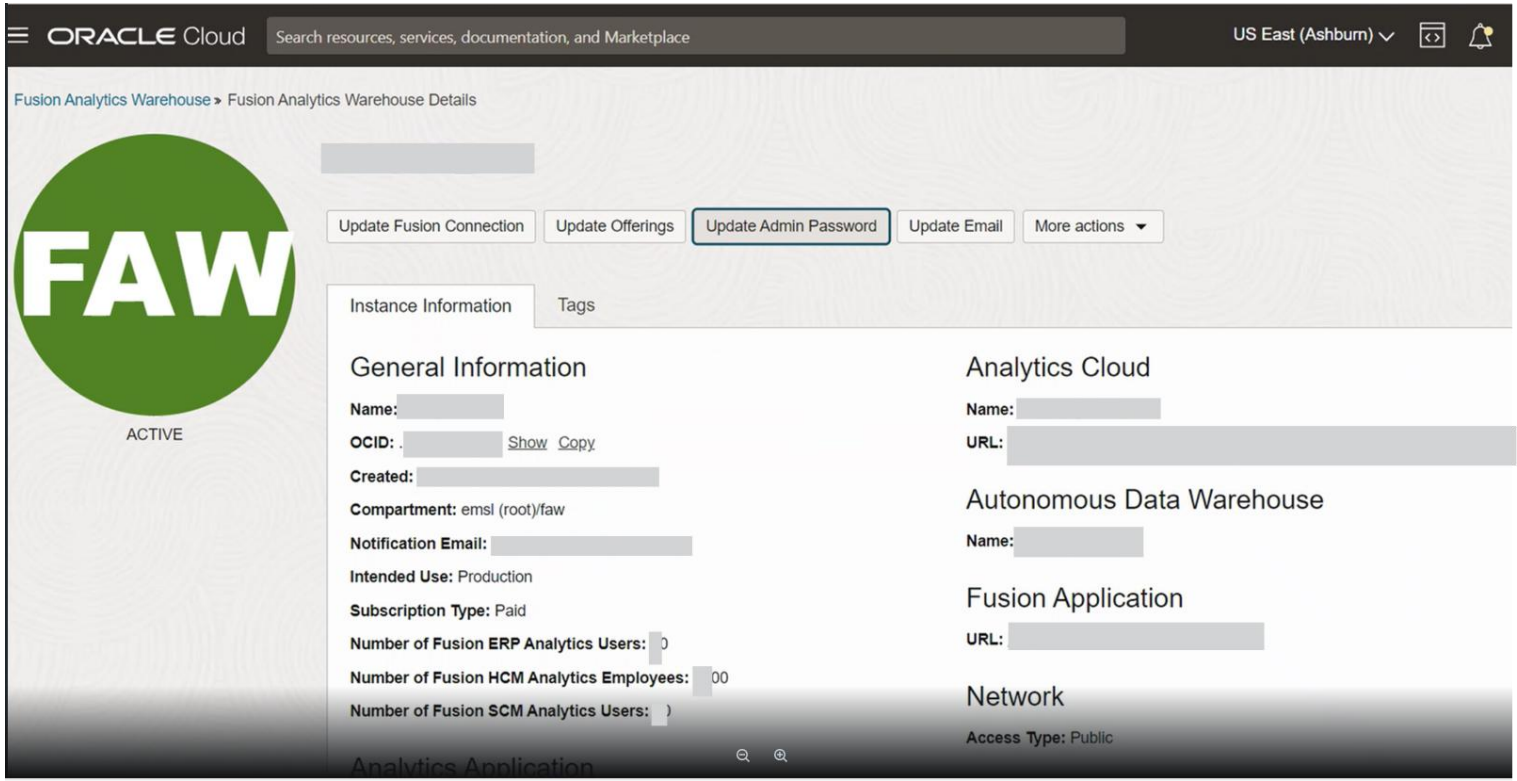
Users OAX_USER and ADMIN



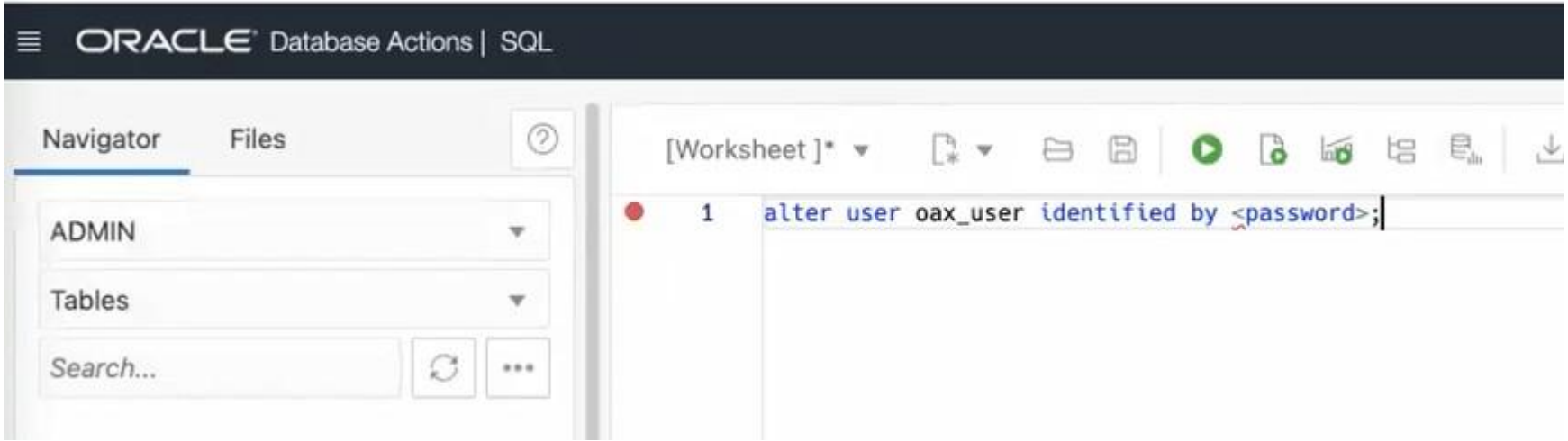
Users OAX_USER and ADMIN



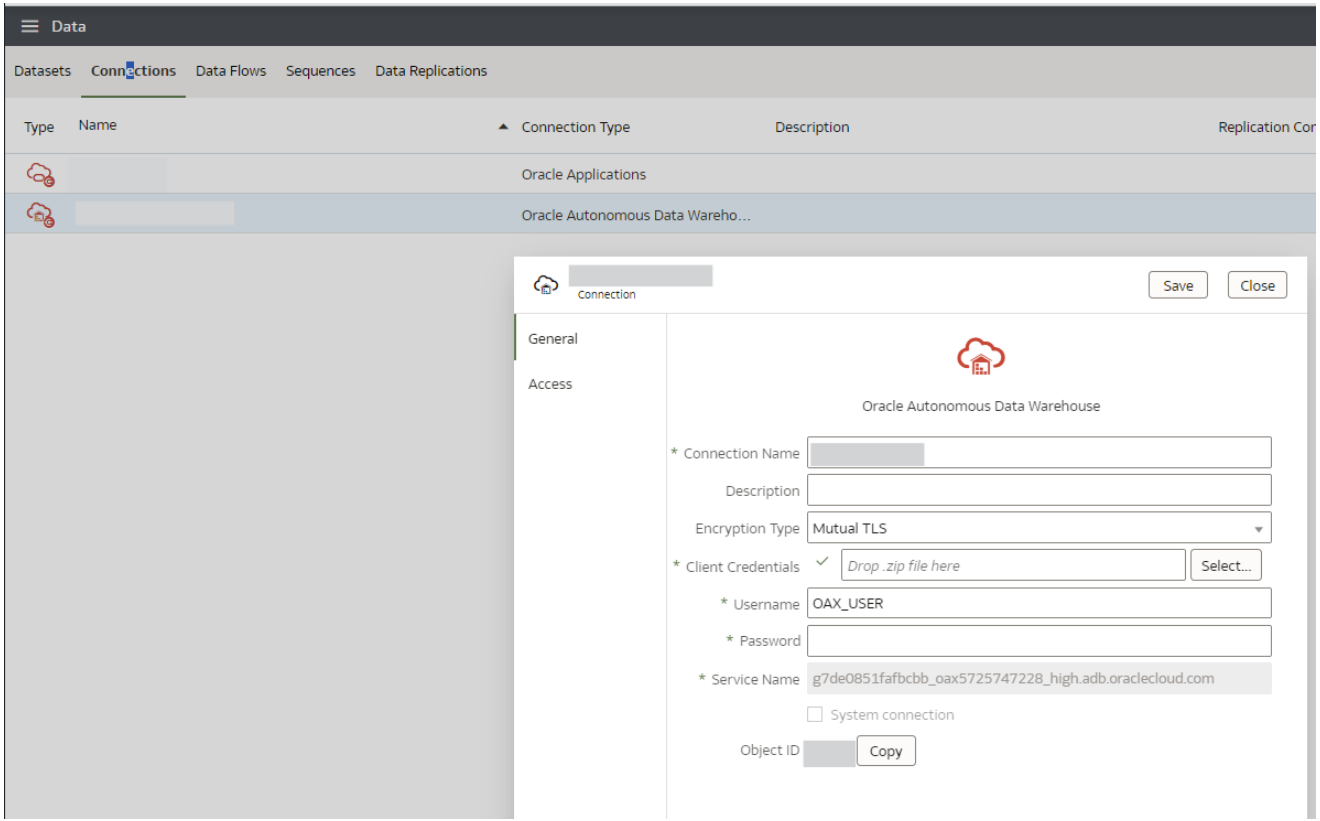
Users OAX_USER and ADMIN



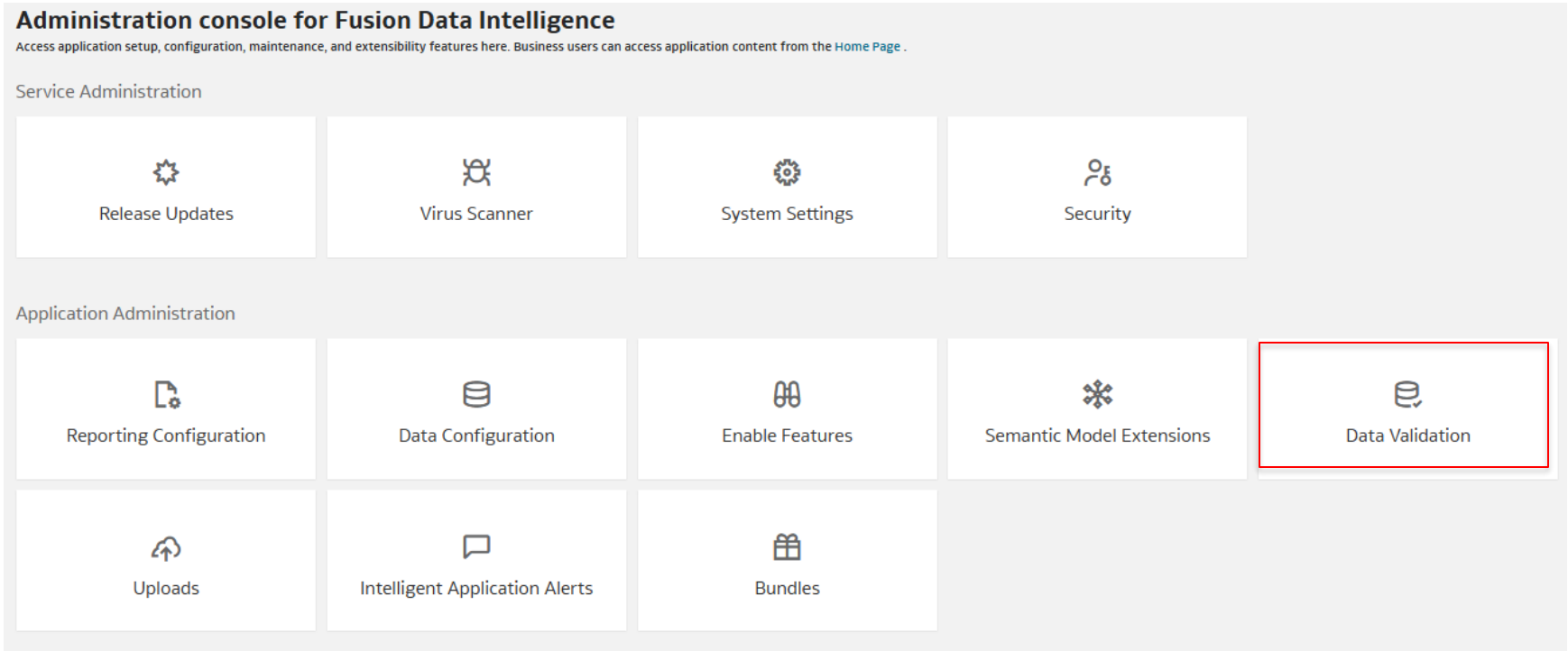
Users OAX_USER and ADMIN



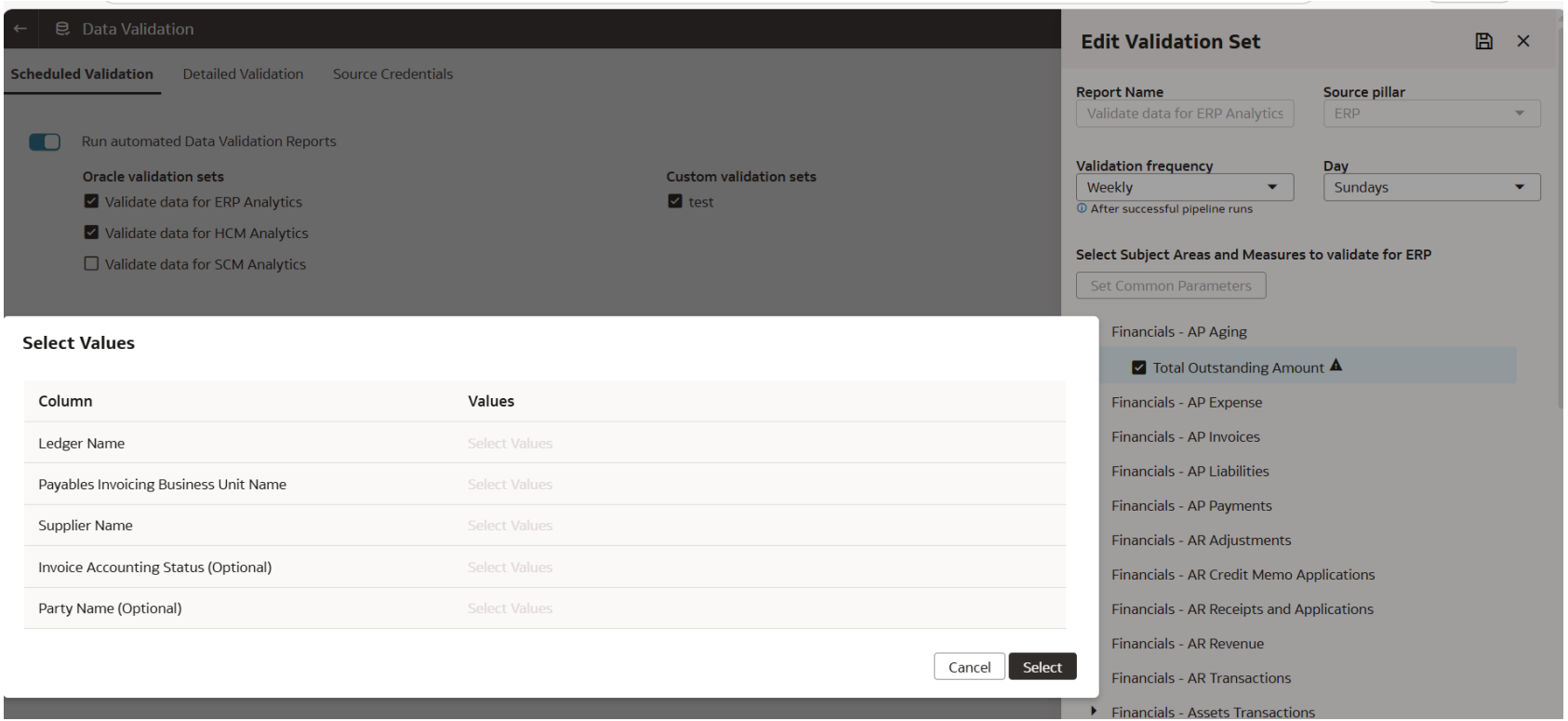
Users OAX_USER and ADMIN



Data Validation



Data Validation



Platform & Infrastructure

Update 25.R3[1]

REGIONS/INFRA
- OC1: Monterrey, Riyadh

SECURITY
- ADW Data Safe
- HCM AOR Security

DATA PLATFORM
- Frequent Data Refresh v2 (LA)
- Data Share: Azure (LA)

USER EXPERIENCE
- Workbook Check-up Utility
- Subject Area Filter Templates

AI & ML
- Preview of AI Assistant
- Available ML Models
  - Collection Risk Prediction
  - On-Time Payment Risk Prediction
  - Spend Classification
  - Profile Matching
  - Inferred Skills

Upcoming

REGIONS/INFRA
- US Gov Cloud (FedRAMP) OC2/OC3 certification
- ADW 23ai Upgrade certification

SECURITY
- IP ACLs
- Alerts Center
- Vanity URL support

DATA PLATFORM
- Pipeline data refresh visibility & stats
- Change Data tracking

APPS EXTENSIBILITY
- SME enhancements: multi-user dev, bundles

USER EXPERIENCE
- Intelligent Apps/Workflow Enhancements

AI & ML
- GA of AI Assistant for authors
- GA of AI Assistant for business users
- Additional ML Models
- AI Apps powered by predictive models

Future

REGIONS/INFRA
- OC1: Abhu Dhabi, Stockholm
- US Gov Cloud (FedRAMP) OC2/OC3 GA
- Disaster Recovery SKU

SECURITY
- Break-glass Certification

DATA PLATFORM
- Additional Data Processing SKU
- Data Share: GCP, AWS, Snowflake
- Data Augmentation Scripts

APPS EXTENSIBILITY
- AI Apps Extensibility

USER EXPERIENCE
- Homepage(s) with Custom Groups, Watchlist Content
- New Application Experience and Workbook Types
- Fusion Transactional Reporting - Modern Analytics for Fusion

AI & ML
- FDI AI agents and integration with Fusion Apps
- Gen AI onboarding, pipeline assistant for admins/authors
- Build your own model
- "Explainability"

Q&A

Helpful Links

- https://docs.oracle.com/en/cloud/saas/analytics/25r3/fawag/
- https://blogs.oracle.com/analytics/category/ac-oracle-fusion-analytics-warehouse
- http://rebrand.ly/FusionAnalyticsContentExplorer (https://oac-public.com)
- https://www.youtube.com/watch?v=-nZxCeV6m1Q
- Fusion OTBI Data Lineage Mapping (Doc ID 2721576.1)
- https://www.ateam-oracle.com
- https://community.oracle.com/products/oracleanalytics/discussions/tagged/fdi