

Oracle Financial Services

Cash Flow Engine Cloud Service Business Intelligence Analytics



Release 23.03.01
F78150-01
March 2023

ORACLE®

F78150-01

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1

Get Help

Topics:

- [Get Help in the Applications](#)
- [Learn About Accessibility](#)
- [Get Support](#)
- [Get Training](#)
- [Join Our Community](#)
- [Share Your Feedback](#)
- [Before You Begin](#)

1.1 Get Help in the Applications

Use Help icons to access help in the application.

Note that not all pages have Help icons. You can also access the [Oracle Help Center](#) to find guides and videos.

Additional Resources

- Community: Use [Oracle Cloud Customer Connect](#) to get information from experts at Oracle, the Partner Community, and other users.
- Training: Take courses on Oracle Cloud from [Oracle University](#).

1.2 Learn About Accessibility

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

1.3 Get Support

You can get support at [My Oracle Support](#).

For accessible support, visit Oracle Accessibility Learning and Support.

1.4 Get Training

Increase your knowledge of Oracle Cloud by taking courses at [Oracle University](#).

1.5 Join Our Community

Use [Cloud Customer Connect](#) to get information from industry experts at Oracle and in the Partner Community. You can join forums to connect with other customers, post questions, and watch events.

1.6 Share Your Feedback

We welcome your feedback about Oracle Applications User Assistance. If you need clarification, find an error, or just want to tell us what you found helpful, we did like to hear from you.

You can email your feedback to [My Oracle Support](#).

Thanks for helping us improve our User Assistance!

1.7 Before You Begin

Refer to following Documents:

- [See What's New](#)

2

Introduction

Cash Flow Engine Cloud Service (CFE) Analytics User Guide describes the features and functions of CFE's Analytics is intended for the use of Administrators, Analysts, Reporting Analysts, and Administrators.

Cash Flow Engine (CFE) Cloud Service utilizes the power of Oracle Analytics to generate the Business Intelligence Reports.

Oracle Analytics is a scalable and secure Oracle Cloud Service that provides a full set of capabilities to explore and perform collaborative analytics for you, your workgroup, and your enterprise.

With Oracle Analytics Cloud, you also get flexible Service Management capabilities, including fast setup, easy scaling and patching, and automated lifecycle management.

For more information, see the [Oracle Analytics Cloud](#) documentation.

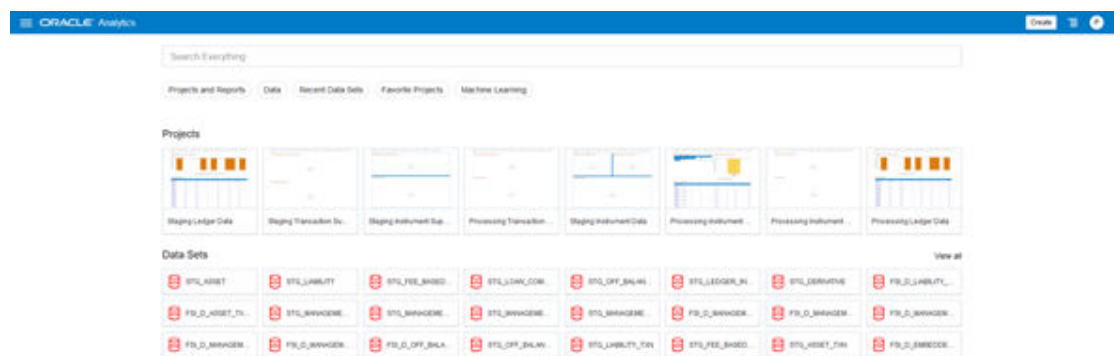
3

Access Business Intelligence (BI) Reports

This section describes the steps to access the Business Intelligence (BI) Reports.

To access the Oracle Financial Services Profitability Management Cloud Service BI Reports, from the LHS Menu, select **Analytics**, and then select **Home Page**.

Figure 3-1 Analytics Home Page



4

Preparing Data using SQL Query Browser

Data Sets are self-service Data Models that you build specifically for your Data Visualization and Analysis requirements.

A Data Set can be based on one Table, Spreadsheet, or a File. Alternatively, a Data Set can be a self-service Data Model that contains multiple Tables with relationships defined between the Tables.

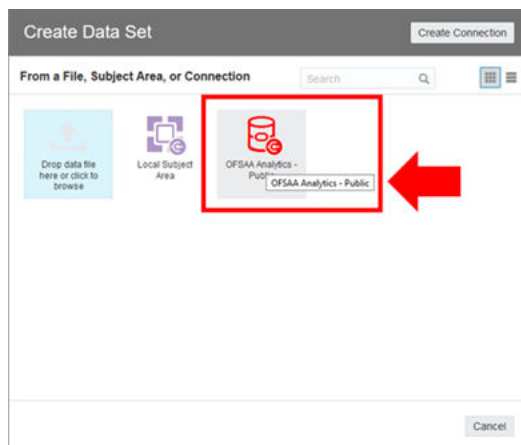
A Data Set contains Data Source Connection Information, Tables, the Columns you specify, and the Data Enrichments, and Transformations that you apply.

For more information, see [Visualizing Data and Building Reports in Oracle Analytics Cloud](#).

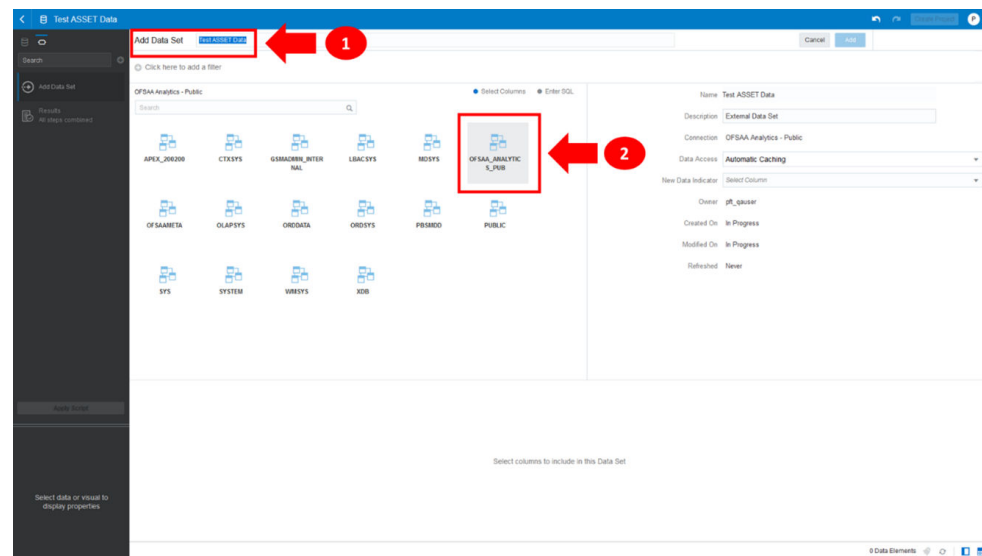
To access the SQL Query Browser and prepare Data, follow these steps:

1. From the LHS Menu, select Analytics, and then select SQL Query Browser.
The SQL Query Browser allows you to use an existing Database Connector named OFSAA Analytics – Public to interact with the underlying available Database Structures.

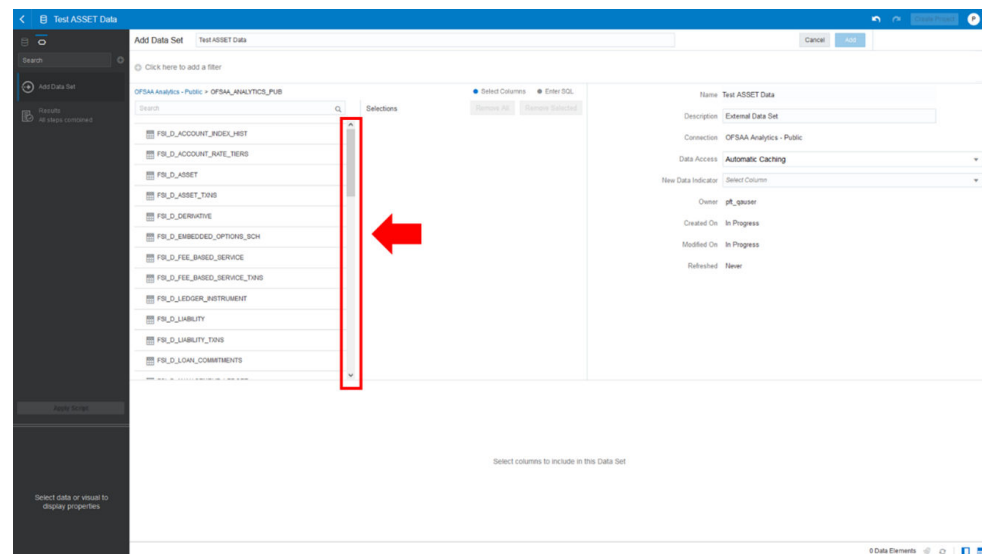
Figure 4-1 Create Data Set Screen



2. After selecting the Database Connector, you must select the Database Schema named OFSAA_ANALYTICS_PUB to proceed to the next step of Database Object Selection.

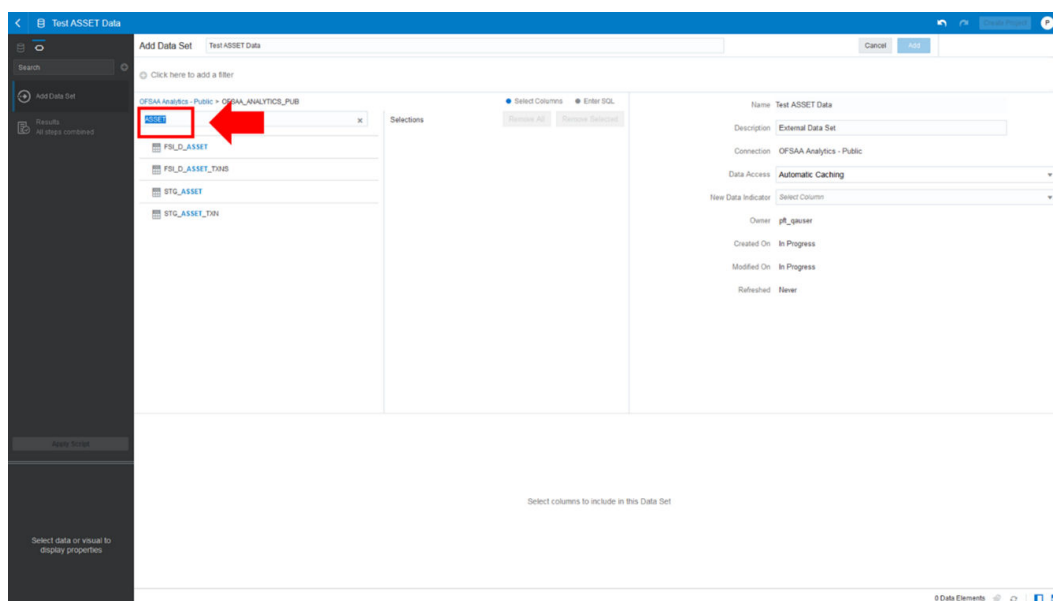
Figure 4-2 Add Data Set

3. Provide a meaningful name to the Data Set, which will be generated from this process and be used for the SQL Query Analysis.
4. You can search for a Database Object from the available options. You can either scroll down or search the Database Objects displayed in alphabetical order.

Figure 4-3 Add Data Set – Search from the List

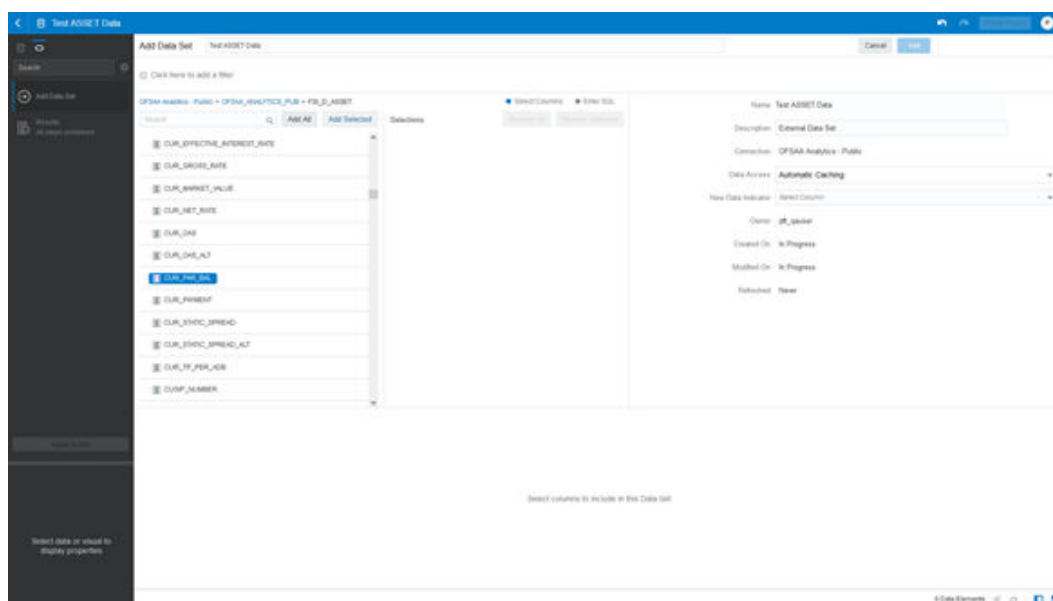
Or

Type the Database Object Name to filter the list with Description.

Figure 4-4 Add Data Set – Search by Name

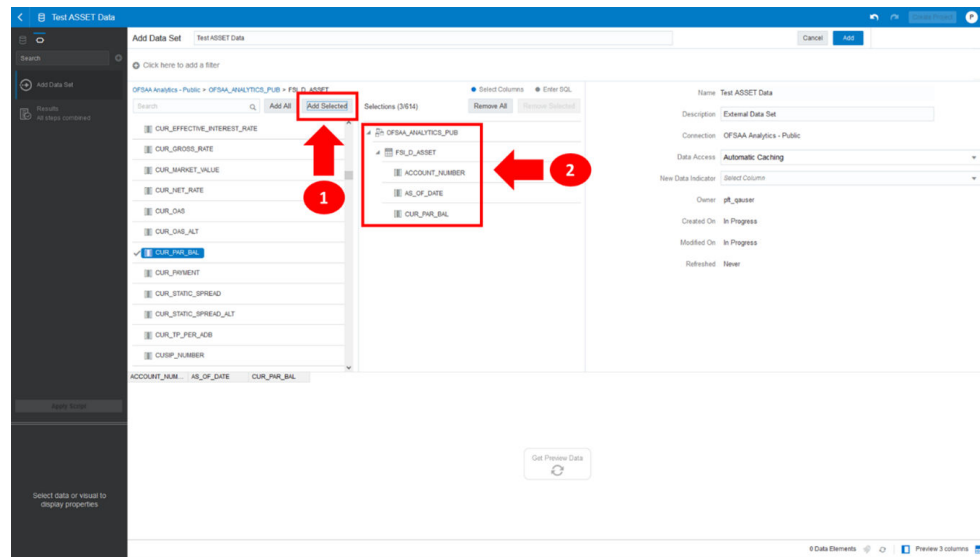
After you select the Object that want, you can proceed to the next step.

5. You search the Columns that are available for the selected Database Object by scrolling.

Figure 4-5 Add Data Set – Search Columns

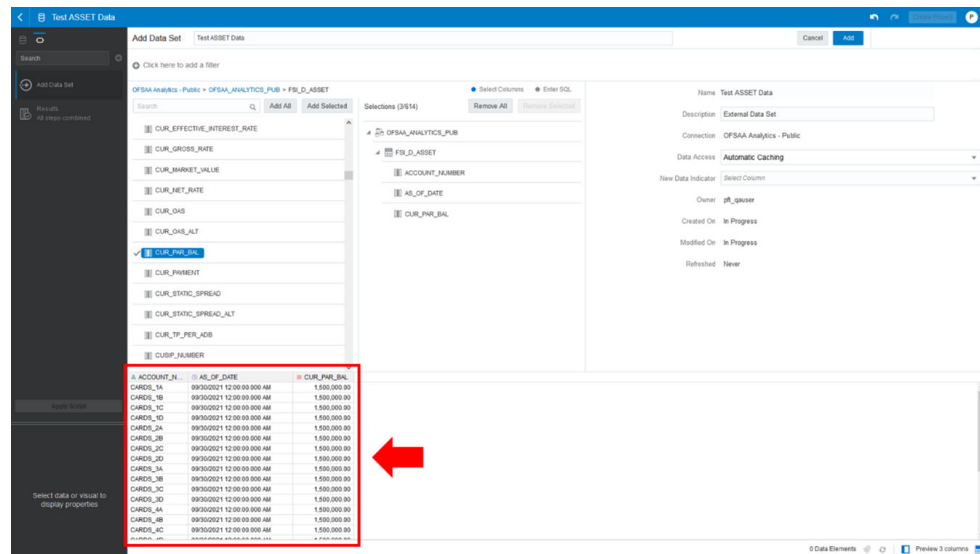
6. Add the Database Object Column as required.

Figure 4-6 Add Data Set – Adding the Database Object Column



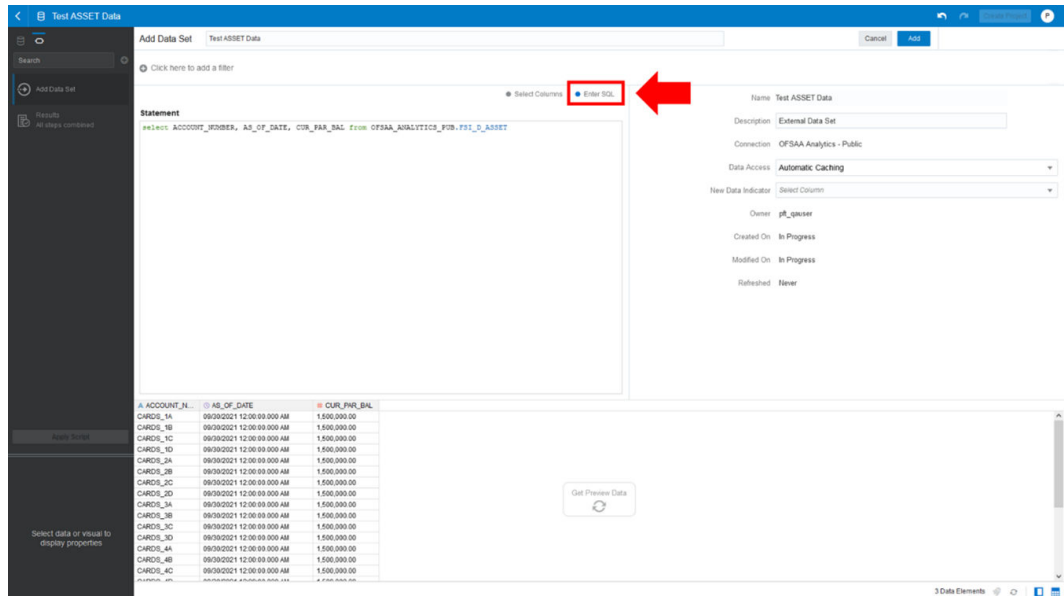
7. Click Get Preview Data to display the retrieved Data Results.

Figure 4-7 Data Results



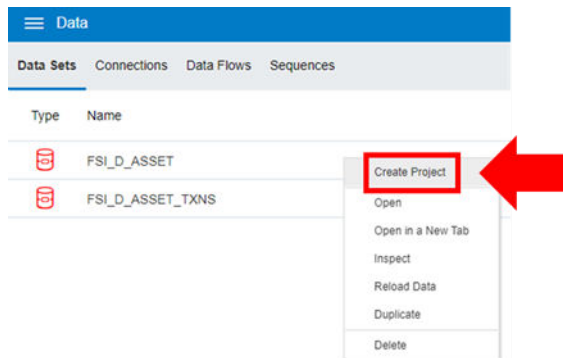
8. In addition, you can switch to the Enter SQL Pane Editor. You can change the auto-generated SQL Query at any time and click Get Preview Data to retrieve the results based on the modified SQL Query.

Figure 4-8 Data Results based on modified SQL Query



9. Click **Add** to save the SQL Data.
10. Click **Data** on the LHS Menu and click **Data Sets** to display the available Data Sets for usage.
11. Right-click on the Data Set name to display the options as shown:

Figure 4-9 Data Set Options



12. In the menu that is displayed, click **Create Project**.

5

Raw Data Analysis

To access the Raw Data Analysis Screen, from the LHS Menu, select Analytics, and then select Raw Data Analysis.

The following table lists the Raw Data Analysis Reports. You can select any report that you want.

Table 5-1 Raw Data Analysis Reports

Report Name	Scope	Table Layer	Physical Table List	Logical Table List	Report Canvas Name
Staging Instrument Data	Instrument	STG Staging	STG_ASSET	Stage Asset	Assets
			STG_LIABILITY	Instruments	Liabilities
			STG_DERIVATIVE	Stage Liability Instruments	Derivative Contracts
			STG_FEE_BASED_SERVICE	Stage Derivative Contracts	Fee Based Services
			STG_LOAN_COMMITMENTS	Stage Fee Based and Other Services	Loan Commitments
			STG_OFF_BALANCE_SHEET	Stage Loan Commitments	Off Balance Sheet Items
			STG_LEDGER_INSTRUMENT	Stage Off Balance Sheet Contracts	Ledger - Instruments
				Stage Ledger Instrument	
			STG_ACCOUNT_INDEX_HISTORY	Stage Account Index History	Account Index History
			STG_ACCOUNT_RATE_TIERS	Stage Account Rate Tiers	Account Rate Tiers
Staging Instrument Supplementary Data	Instrument Supplementary	STG Staging	STG_EMBEDDED_OPTIONS_SCHEDULE	Stage Embedded Options Schedule	Embedded Options Schedule
			STG_PAYMENT_SCHEDULE	Stage Payment Schedule	Payment Schedule

Table 5-1 (Cont.) Raw Data Analysis Reports

Report Name	Scope	Table Layer	Physical Table List	Logical Table List	Report Canvas Name
Staging Ledger Data	Ledger	STG Staging	STG_MANAGE	Stage	Management
			MENT_LEDGE	Management	Ledger
			R	Ledger	Management
			STG_MANAGE	Stage	Ledger 01
			MENT_LEDGE	Placeholder	Management
			R_01	Management	Ledger 02
			STG_MANAGE	Ledger 01	Management
			MENT_LEDGE	Stage	Ledger 03
			R_02	Placeholder	Management
			STG_MANAGE	Management	Ledger 04
			MENT_LEDGE	Ledger 02	Management
			R_03	Stage	Ledger 05
			STG_MANAGE	Placeholder	
			MENT_LEDGE	Management	
			R_04	Ledger 03	
			STG_MANAGE	Stage	
			MENT_LEDGE	Placeholder	
			R_05	Management	
				Ledger 04	
				Stage	
Staging Transaction Summary Data	Transaction Summary	STG Staging		Placeholder	
				Management	
				Ledger 05	
			STG_ASSET_T	Stage Asset	Assets
			XN	Transaction	Transaction
			STG_LIABILIT	Summary	Summary
			Y_TXN	Stage Liability	Liabilities
			STG_FEE_BA	Transaction	Transaction
			SED_SERVICE	Summary	Summary
			_TXN	Stage Fee	Fee Based
			STG_OFF_BAL	Based and	Services
			ANCE_SHEET	Other Services	Transaction
			_TXN	Transaction	Summary
				Summary	Off Balance
				Stage Off	Sheet
				Balance Sheet	Transaction
				Transaction	Summary
				Summary	

Table 5-1 (Cont.) Raw Data Analysis Reports

Report Name	Scope	Table Layer	Physical Table List	Logical Table List	Report Canvas Name
Processing Instrument Data	Instrument	FSI Processing	FSI_D_ASSET	Asset	Assets
			FSI_D_LIABILITY	Instruments	Liabilities
			FSI_D_DERIVATIVE	Liability Instruments	Derivative Contracts
			FSI_D_FEE_BASED_SERVICE	Derivative Contracts	Fee Based Services
			FSI_D_LOAN_COMMITMENTS	Fee Based and Other Services	Loan Commitments
			FSI_D_OFF_BALANCE_SHEET	Loan Commitments	Off Balance Sheet Items
			FSI_D_OFF_BALANCE_SHEET	Off Balance Sheet Contracts	Ledger Instruments
			FSI_D_LEDGER_INSTRUMENT	Ledger Instrument	
Processing Instrument Supplementary Data	Instrument Supplementary	FSI Processing	FSI_D_ACCOUNT_INDEX_HISTORY	Account Index History	Account Index History
			FSI_D_ACCOUNT_RATE_TIERS	Account Rate Tiers	Account Rate Tiers
			FSI_D_ACCOUNT_RATE_TIE_RS	Embedded Options	Embedded Options
			FSI_D_EMBEDDED_OPTION_S_SCH	Schedule	Schedule
			FSI_D_PAYMENT_SCHEDULE	Payment Schedule	Payment Schedule
Processing Ledger Data	Ledger	FSI Processing	FSI_D_MANAGEMENT_LEDGER	Management Ledger	Management Ledger
			FSI_D_MANAGEMENT_LEDGER_01	Placeholder	Management Ledger 01
			FSI_D_MANAGEMENT_LEDGER_02	Management Ledger 01	Management Ledger 02
			FSI_D_MANAGEMENT_LEDGER_03	Placeholder	Management Ledger 03
			FSI_D_MANAGEMENT_LEDGER_04	Management Ledger 02	Management Ledger 04
			FSI_D_MANAGEMENT_LEDGER_05	Placeholder	Management Ledger 05
			FSI_D_MANAGEMENT_LEDGER_06	Management Ledger 03	Management Ledger 06
			FSI_D_MANAGEMENT_LEDGER_07	Placeholder	Management Ledger 07
			FSI_D_MANAGEMENT_LEDGER_08	Management Ledger 04	Management Ledger 08
			FSI_D_MANAGEMENT_LEDGER_09	Placeholder	Management Ledger 09

Table 5-1 (Cont.) Raw Data Analysis Reports

Report Name	Scope	Table Layer	Physical Table List	Logical Table List	Report Canvas Name
Processing Transaction Summary Data	Transaction Summary	FSI Processing	FSI_D_ASSET_TXNS	Asset Transaction Summary	Assets Transaction Summary
			FSI_D_LIABILITY_TXNS	Liability Transaction Summary	Liabilities Transaction Summary
			FSI_D_FEE_BASSED_SERVICE_ETXNS	Fee Based and Other Services Transaction Summary	Fee Based Services Transaction Summary
			FSI_D_OFF_BALANCE_SHEET_ETXNS	Off Balance Sheet Transaction Summary	Off Balance Sheet Transaction Summary

5.1 Staging Instrument Data

You can use this report to perform the analysis on the Staging Area Tables related to Instrument Data. The report contains specifically the following Staging Database Objects:

Table 5-2 Staging Instrument Data Reports

Report Name	Scope	Table Layer	Physical Table List	Logical Table List	Report Canvas Name
Staging Instrument Data	Instrument	STG-Staging	STG_ASSET	Stage Asset	Assets
			STG_LIABILITY	Instruments	Liabilities
			STG_DERIVATIVE	Stage Liability Instruments	Derivative Contracts
			STG_FEE_BASSED_SERVICE	Stage Derivative Contracts	Fee Based Services
			STG_LOAN_COMMITMENTS	Stage Fee Based and Other Services	Loan Commitments
			STG_OFF_BALANCE_SHEET_ET	Stage Loan Commitments	Off Balance Sheet Items
			STG_LEDGER_INSTRUMENT	Stage Off Balance Sheet Contracts	Ledger - Instruments

5.1.1 Assets

The Assets Report provides the Analysis Capability on the Stage Asset Instrument Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

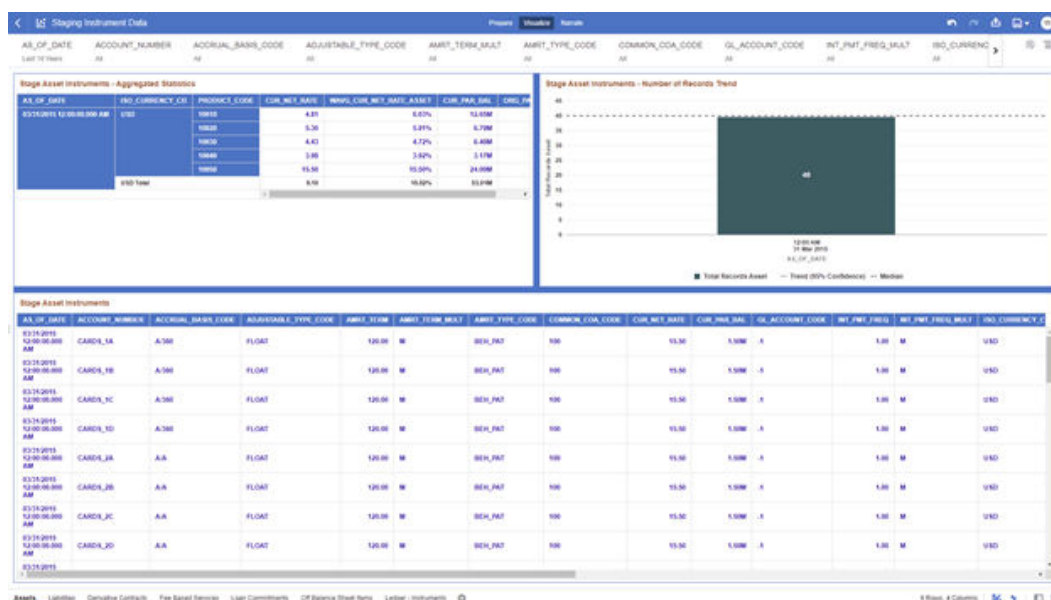
The report displays the underlying data according to the following Charts' logic:

- Stage Asset Instruments - Aggregated Statistics
Aggregation for CUR_PAR_BAL (sum), ORG_PAR_BAL (sum) and CUR_NET_RATE (avg) by AS_OF_DATE, ISO_CURRENCY_CD and PRODUCT_CODE.

In addition, for CUR_NET_RATE, the Additional Balance Weighted Rate, WAVG_CUR_NET_RATE_ASSET, is calculated as the Weighted AVG by CUR_PAR_BAL.

- Stage Asset Instruments - Number of Records Trend
Total Records Asset aggregated by AS_OF_DATE.
- Stage Asset Instruments
Granular table records at ACCOUNT_NUMBER level.

Figure 5-1 Staging Instrument Data - Assets



5.1.2 Liabilities

The Liabilities Report provides the Analysis Capability on the Stage Liability Instrument Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

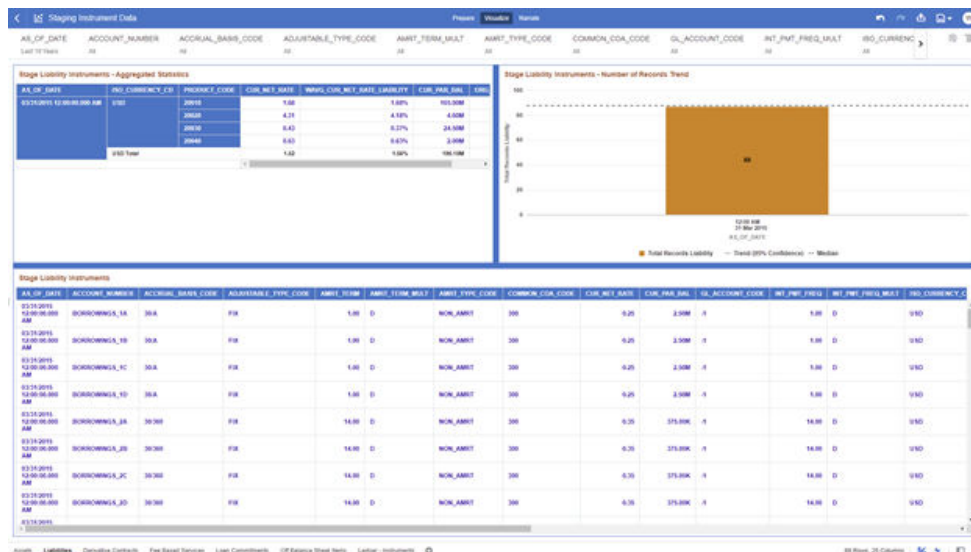
The report displays the underlying data according to the following Charts' logic:

- Stage Liability Instruments - Aggregated Statistics
Aggregation for CUR_PAR_BAL (sum), ORG_PAR_BAL (sum) and CUR_NET_RATE (avg) by AS_OF_DATE, ISO_CURRENCY_CD and PRODUCT_CODE.

In addition, for CUR_NET_RATE, the additional Balance Weighted Rate, WAVG_CUR_NET_RATE_LIABILITY, is calculated as the Weighted AVG by CUR_PAR_BAL.

- Stage Liability Instruments - Number of Records Trend
Total Records Liability aggregated by AS_OF_DATE.
- Stage Liability Instruments
Granular table records at ACCOUNT_NUMBER level.

Figure 5-2 Staging Instrument Data - Liabilities



5.1.3 Derivative Contracts

The Derivative Contracts Report provides the Analysis Capability on the Stage Derivative Contracts Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Stage Derivative Contracts (Payment) - Aggregated Statistics
Aggregation for CUR_PAR_BAL_PAY (sum), ORG_PAR_BAL_PAY (sum) and CUR_NET_RATE_PAY (avg) by AS_OF_DATE, ISO_CURRENCY_CD_PAY and PRODUCT_CODE.

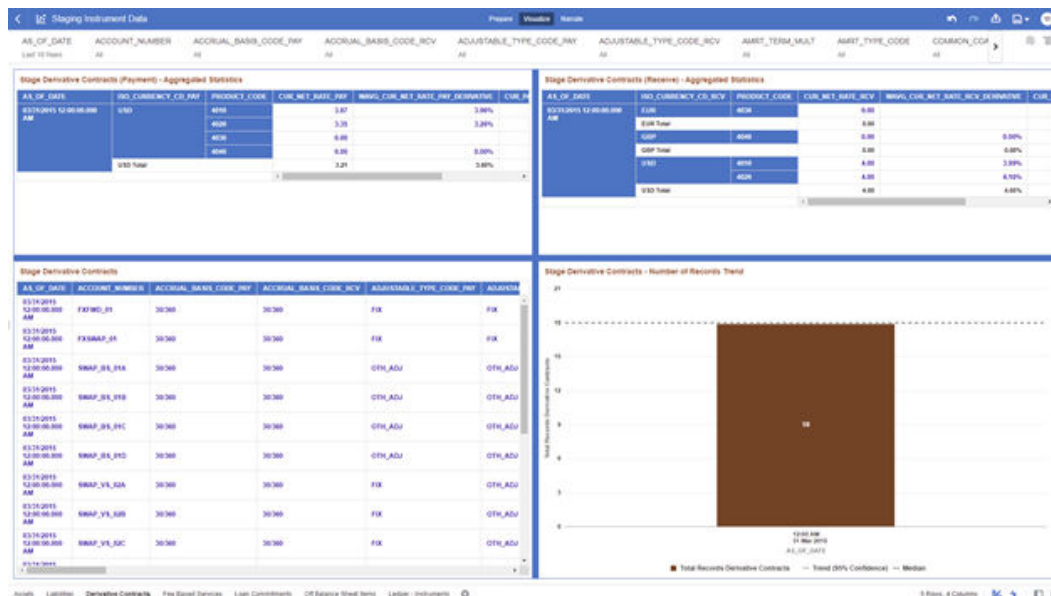
In addition, for CUR_NET_RATE, the additional Balance Weighted Rate, WAVG_CUR_NET_RATE_PAY_DERIVATIVE, is calculated as the Weighted AVG by CUR_PAR_BAL_PAY.

- Stage Derivative Contracts (Receive) - Aggregated Statistics
Aggregation for CUR_PAR_BAL_RCV (sum), ORG_PAR_BAL_RCV (sum) and CUR_NET_RATE_RCV (avg) by AS_OF_DATE, ISO_CURRENCY_CD_RCV and PRODUCT_CODE.

In addition, for CUR_NET_RATE, the additional Balance Weighted Rate, WAVG_CUR_NET_RATE_RCV_DERIVATIVE, is calculated as the Weighted AVG by CUR_PAR_BAL_RCV.

- Stage Derivative Contracts - Number of Records Trend
Total Records Derivative Contracts aggregated by AS_OF_DATE.
- Stage Derivative Contracts
Granular table records at ACCOUNT_NUMBER level.

Figure 5-3 Staging Instrument Data – Derivative Contracts



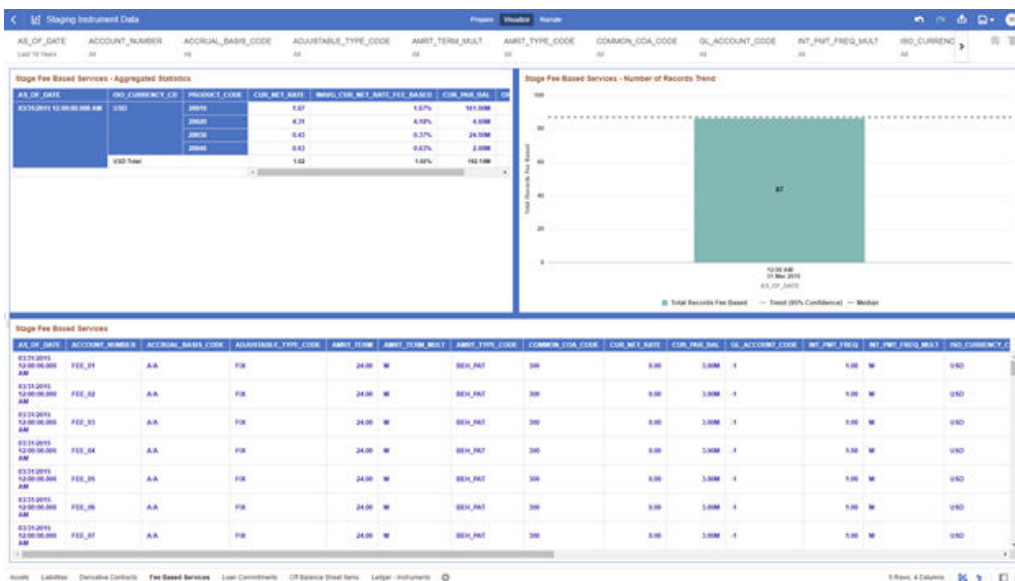
5.1.4 Fee Based Services

The Fee Based Services Report provides the Analysis Capability on the Stage Fee Based and Other Services Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Stage Fee Based Services - Aggregated Statistics
Aggregation for CUR_PAR_BAL (sum), ORG_PAR_BAL (sum) and CUR_NET_RATE (avg) by AS_OF_DATE, ISO_CURRENCY_CD and PRODUCT_CODE.
In addition, for CUR_NET_RATE, the additional Balance Weighted Rate, WAVG_CUR_NET_RATE_FEE_BASED, is calculated as the Weighted AVG by CUR_PAR_BAL.
- Stage Fee Based Services - Number of Records Trend
Total Records Fee Based aggregated by AS_OF_DATE.
- Stage Fee Based Services
Granular table records at ACCOUNT_NUMBER level.

Figure 5-4 Staging Instrument Data – Fee Based Services

5.1.5 Loan Commitments

The Loan Commitments Report provides the Analysis Capability on the Stage Loan Commitments Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

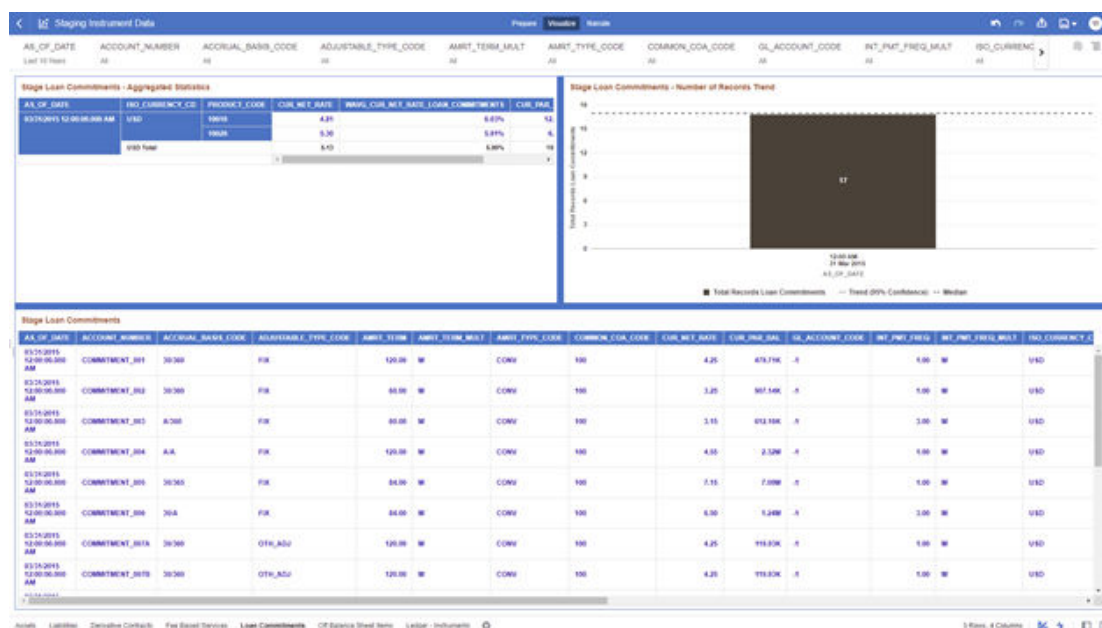
The report displays the underlying data according to the following Charts' logic:

- Stage Loan Commitments - Aggregated Statistics
Aggregation for CUR_PAR_BAL (sum), ORG_PAR_BAL (sum) and CUR_NET_RATE (avg) by AS_OF_DATE, ISO_CURRENCY_CD and PRODUCT_CODE.

In addition, for CUR_NET_RATE, the additional Balance Weighted Rate, WAVG_CUR_NET_RATE_LOAN_COMMITMENTS, is calculated as the Weighted AVG by CUR_PAR_BAL.

- Stage Loan Commitments - Number of Records Trend
Total Records Loan Commitments aggregated by AS_OF_DATE.
- Stage Loan Commitments
Granular table records at ACCOUNT_NUMBER level.

Figure 5-5 Staging Instrument Data – Loan Commitments



5.1.6 Off Balance Sheet Items

The Off Balance Sheet Items Report provides the analysis capability on the Stage off Balance Sheet Contracts Table.

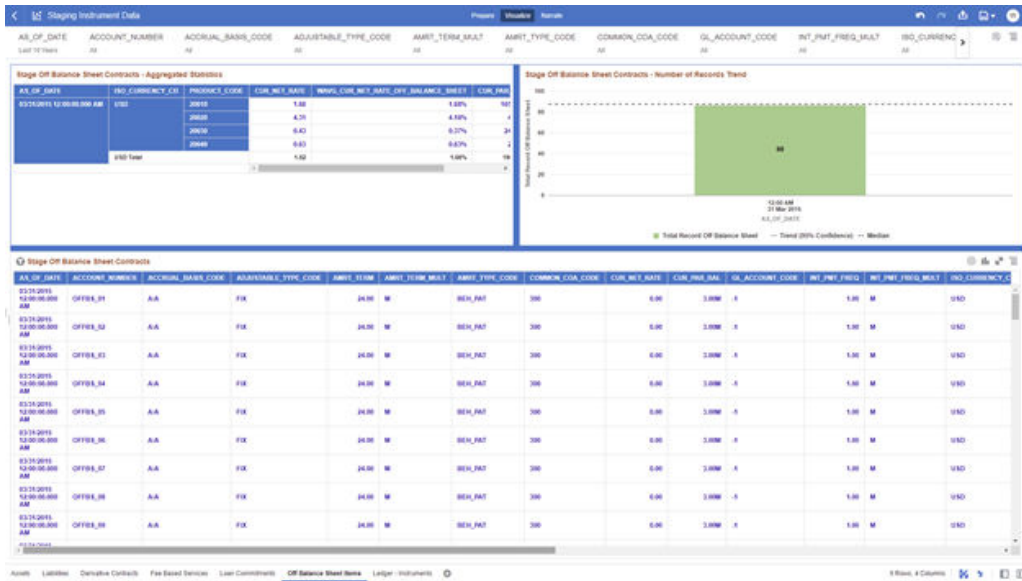
You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Stage Off Balance Sheet Contracts - Aggregated Statistics
Aggregation for CUR_PAR_BAL (sum), ORG_PAR_BAL (sum) and CUR_NET_RATE (avg) by AS_OF_DATE, ISO_CURRENCY_CD and PRODUCT_CODE.

In addition, for CUR_NET_RATE, the additional Balance Weighted Rate, WAVG_CUR_NET_RATE_OFF_BALANCE_SHEET, is calculated as the Weighted AVG by CUR_PAR_BAL.

- Stage Off Balance Sheet Contracts - Number of Records Trend
Total Record off Balance Sheet aggregated by AS_OF_DATE.
- Stage Off Balance Sheet Contracts
Granular table records at ACCOUNT_NUMBER level.

Figure 5-6 Staging Instrument Data – Off Balance Sheet Items

5.1.7 Ledger - Instruments

The Ledger – Instrument Report provides the analysis capability on the Stage Ledger Instrument Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

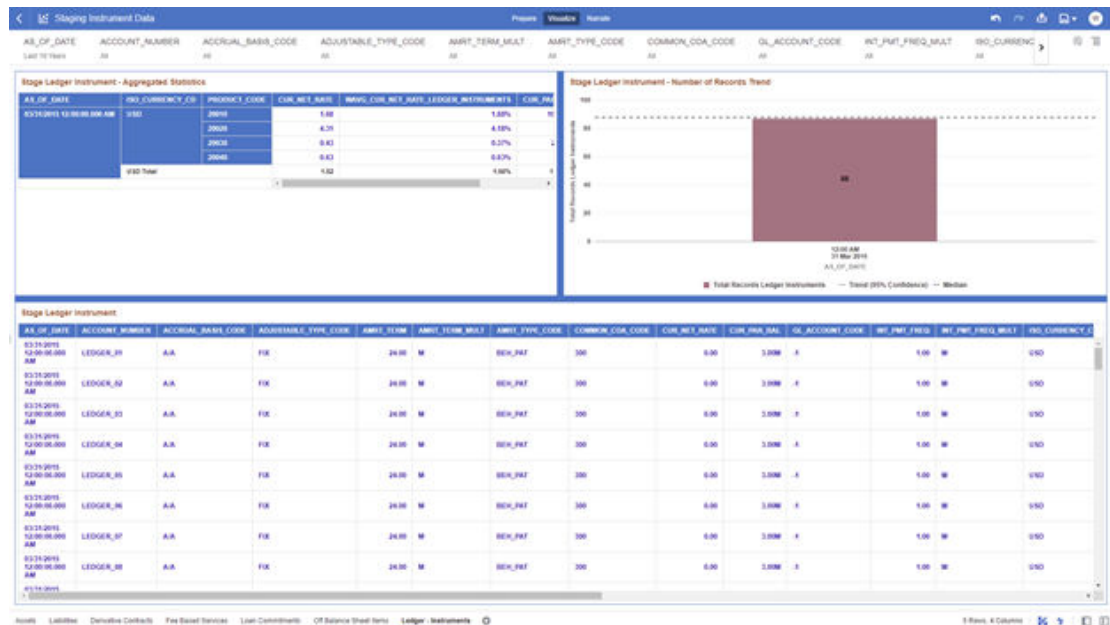
The report displays the underlying data according to the following Charts' logic:

- Stage Ledger Instrument - Aggregated Statistics
Aggregation for CUR_PAR_BAL (sum), ORG_PAR_BAL (sum) and CUR_NET_RATE (avg) by AS_OF_DATE, ISO_CURRENCY_CD and PRODUCT_CODE.

In addition, for CUR_NET_RATE, the additional Balance Weighted Rate, WAVG_CUR_NET_RATE_LEDGER_INSTRUMENTS, is calculated as the Weighted AVG by CUR_PAR_BAL.

- Stage Ledger Instrument - Number of Records Trend
Total Records Ledger Instruments aggregated by AS_OF_DATE.
- Stage Ledger Instrument
Granular table records at ACCOUNT_NUMBER level.

Figure 5-7 Staging Instrument Data – Ledger - Instruments



5.2 Staging Instrument Supplementary Data

You can use the Staging Instrument Supplementary Data Report to perform the analysis on the Staging Area Tables related to Instrument Supplementary Data. The report contains specifically the following Staging Database Objects:

Table 5-3 Staging Instrument Data Reports

Report Name	Scope	Table Layer	Physical Table List	Logical Table List	Report Canvas Name
Staging Instrument Supplementary Data	Instrument Supplementary	STG-Staging	STG_ACCOUN T_INDEX_HIST STG_ACCOUN T_RATE_TIER S STG_EMBEDD ED_OPTIONS_ SCH STG_PAYMEN T_SCHEDULE	Stage Account Index History Stage Account Rate Tiers Stage Embedded Options Schedule Schedule Stage Payment Schedule	Account Index History Account Rate Tiers Embedded Options Schedule Payment Schedule

5.2.1 Account Index History

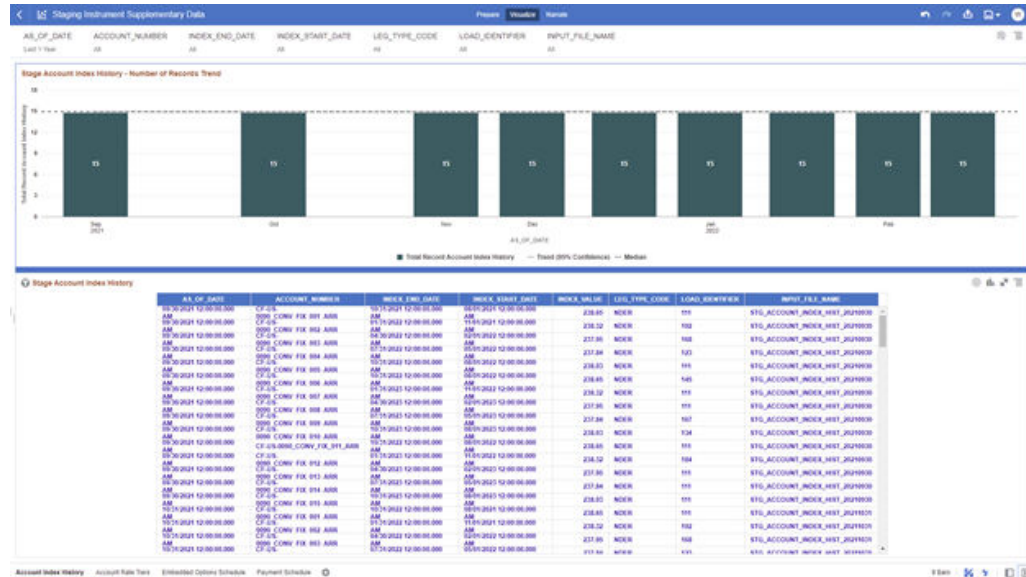
The Account Index History Report provides the analysis capability on the Stage Account Index History Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Stage Account Index History - Number of Records Trend
Total Records Account Index History aggregated by AS_OF_DATE.
- Stage Account Index History
Granular table records at ACCOUNT_NUMBER level.

Figure 5-8 Staging Instrument Supplementary Data – Account Index History



5.2.2 Account Rate Tiers

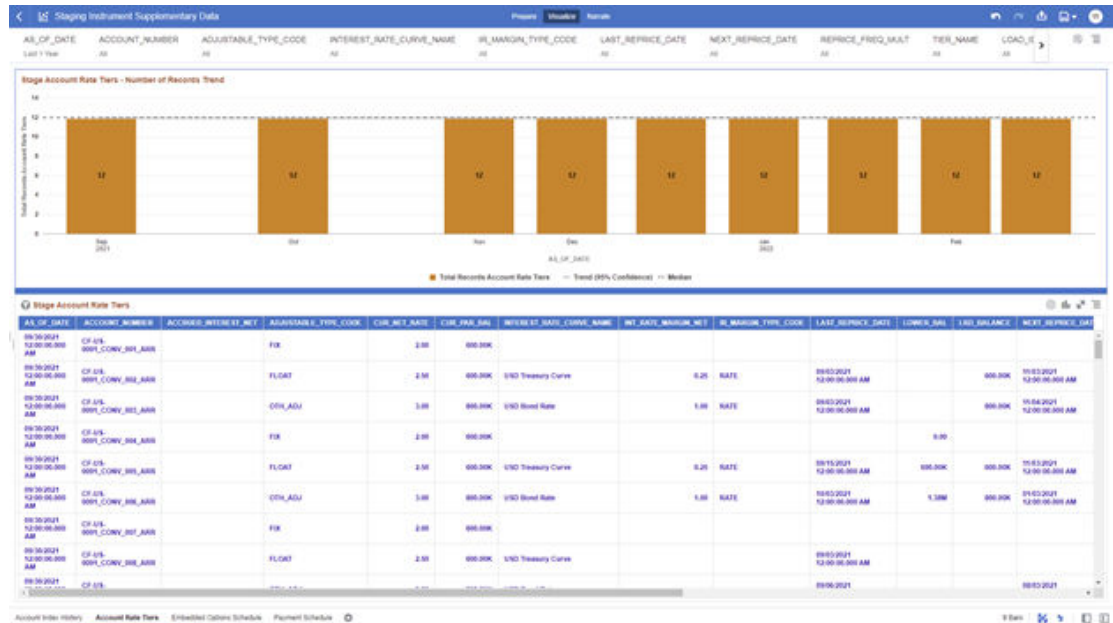
The Account Rate Tiers Report provides the analysis capability on the Stage Account Rate Tiers Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Stage Account Rate Tiers - Number of Records Trend
Total Records Account Rate Tiers aggregated by AS_OF_DATE.
- Stage Account Rate Tiers
Granular table records at ACCOUNT_NUMBER level.

Figure 5-9 Staging Instrument Supplementary Data – Account Rate Tiers



5.2.3 Embedded Options Schedule

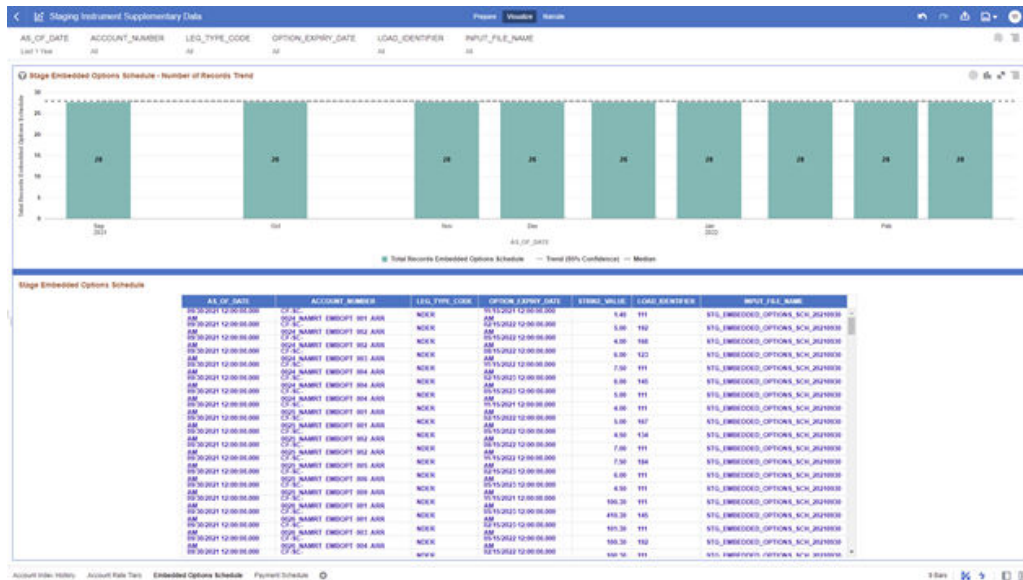
The Embedded Options Schedule Report provides the analysis capability on the Stage Embedded Options Schedule Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Stage Embedded Options Schedule - Number of Records Trend
Total Records Embedded Options Schedule aggregated by AS_OF_DATE.
- Stage Embedded Options Schedule
Granular table records at ACCOUNT_NUMBER level.

Figure 5-10 Staging Instrument Supplementary Data – Embedded Options Schedule



5.2.4 Payment Schedule

The Payment Schedule Report provides the analysis capability on the Stage Payment Schedule Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Stage Payment Schedule - Number of Records Trend
Total Records Payment Schedule aggregated by AS_OF_DATE.
- Stage Payment Schedule
Granular table records at ACCOUNT NUMBER level.

Table 5-4 Staging Ledger Data Reports

Report Name	Scope	Table Layer	Physical Table List	Logical Table List	Report Canvas Name
Staging Ledger Data	Ledger	STG-Staging	STG_MANAGEMENT_LEDGER	Stage Management Ledger	Management Ledger
			STG_MANAGEMENT_LEDGER_01	Stage Placeholder Management Ledger 01	Management Ledger 01
			STG_MANAGEMENT_LEDGER_02	Stage Placeholder Management Ledger 02	Management Ledger 02
			STG_MANAGEMENT_LEDGER_03	Stage Placeholder Management Ledger 03	Management Ledger 03
			STG_MANAGEMENT_LEDGER_04	Stage Placeholder Management Ledger 04	Management Ledger 04
			STG_MANAGEMENT_LEDGER_05	Stage Placeholder Management Ledger 05	Management Ledger 05
				Stage Placeholder Management Ledger 05	
				Stage Placeholder Management Ledger 05	
				Stage Placeholder Management Ledger 05	
				Stage Placeholder Management Ledger 05	
				Stage Placeholder Management Ledger 05	
				Stage Placeholder Management Ledger 05	
				Stage Placeholder Management Ledger 05	
				Stage Placeholder Management Ledger 05	
				Stage Placeholder Management Ledger 05	

5.3.1 Management Ledger

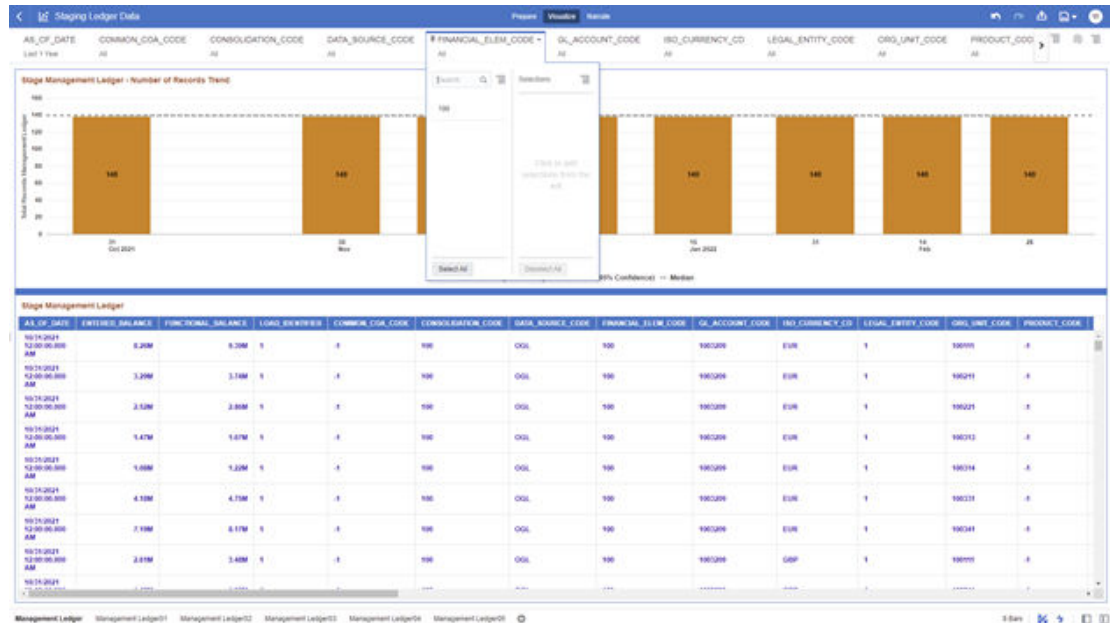
The Management Ledger Report provides the analysis capability on the Stage Management Ledger Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Stage Management Ledger - Number of Records Trend
Total Records Management Ledger aggregated by AS_OF_DATE.
- Stage Management Ledger
Granular table records at FINANCIAL_ELEM_CODE level.

Figure 5-12 Staging Ledger Data – Management Ledger



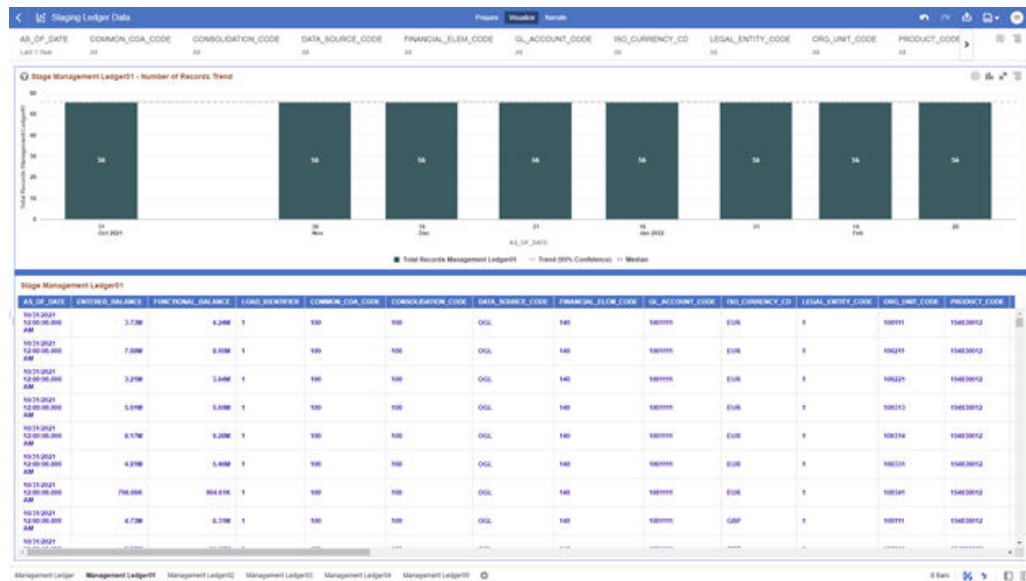
5.3.2 Management Ledger01

The Management Ledger01 Report provides the analysis capability on the Stage Placeholder Management Ledger 01 table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Stage Management Ledger01 - Number of Records Trend
Total Records Management Ledger01 aggregated by AS_OF_DATE.
- Stage Management Ledger01
Granular table records at FINANCIAL_ELEM_CODE level.

Figure 5-13 Staging Ledger Data – Management Ledger01

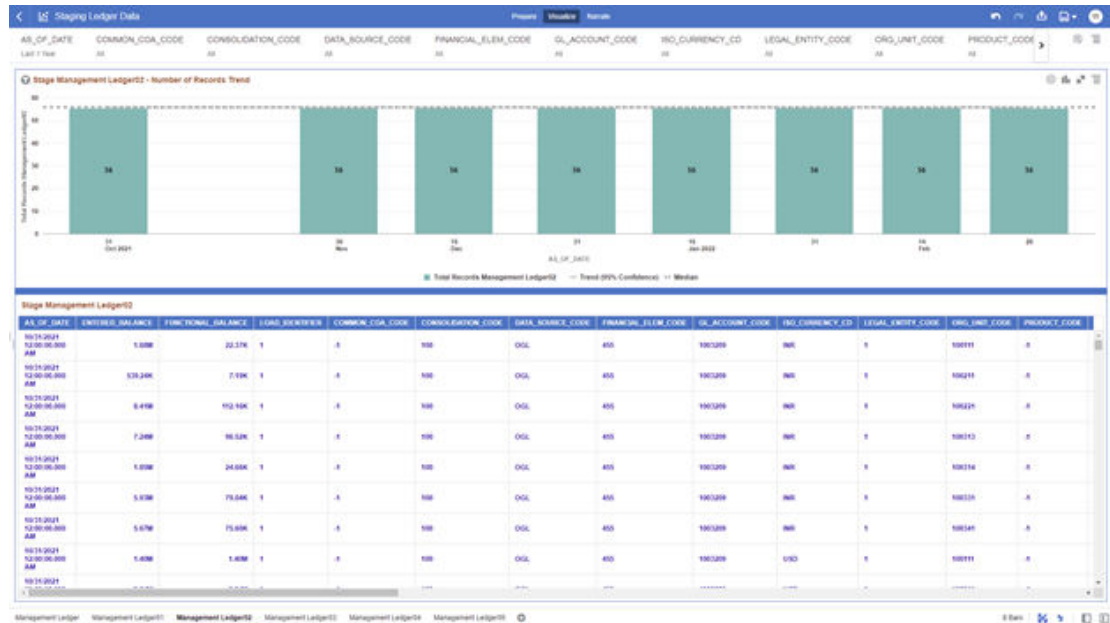
5.3.3 Management Ledger02

The Management Ledger02 Report provides the analysis capability on the Stage Placeholder Management Ledger 02 table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Stage Management Ledger02 - Number of Records Trend
Total Records Management Ledger02 aggregated by AS_OF_DATE.
- Stage Management Ledger02
Granular table records at FINANCIAL_ELEM_CODE level.

Figure 5-14 Staging Ledger Data – Management Ledger02

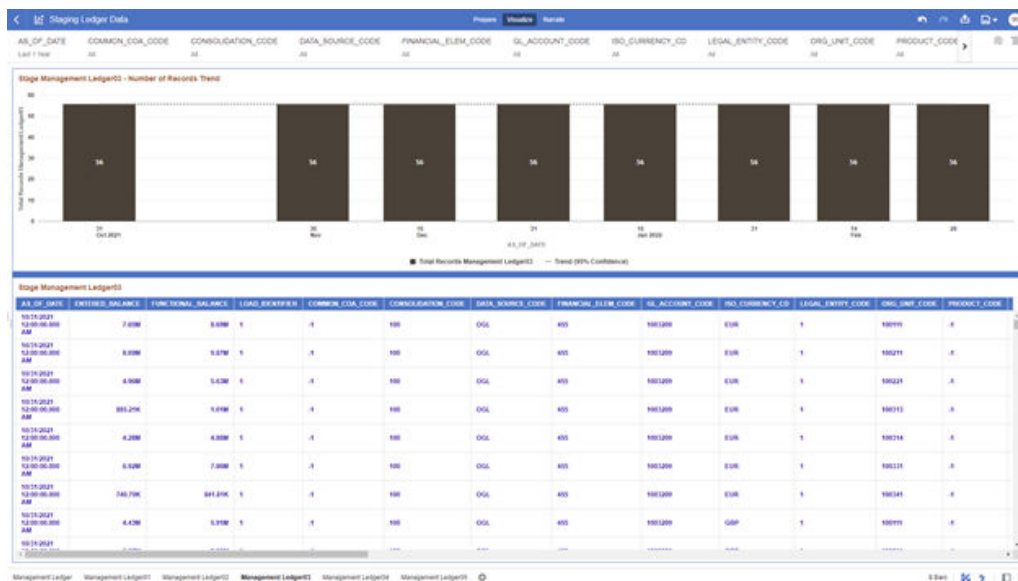
5.3.4 Management Ledger03

The Management Ledger03 Report provides the analysis capability on the Stage Placeholder Management Ledger 03 table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Stage Management Ledger03 - Number of Records Trend
Total Records Management Ledger03 aggregated by AS_OF_DATE.
- Stage Management Ledger03
Granular table records at FINANCIAL_ELEM_CODE level.

Figure 5-15 Staging Ledger Data – Management Ledger03

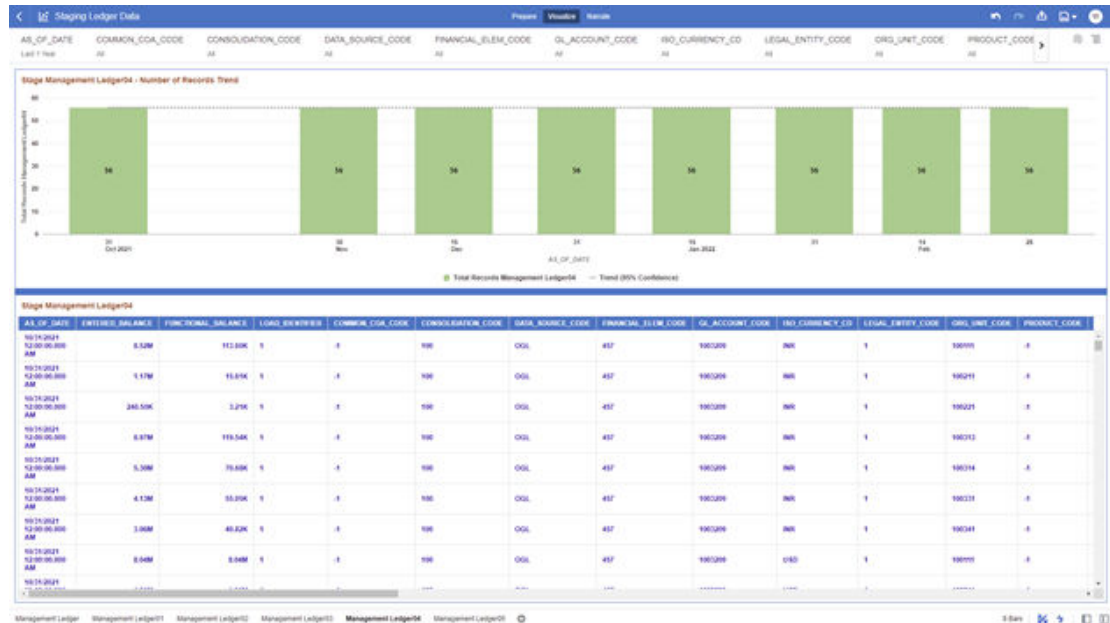
5.3.5 Management Ledger04

The Management Ledger04 Report provides the analysis capability on the Stage Placeholder Management Ledger 04 table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Stage Management Ledger04 - Number of Records Trend
Total Records Management Ledger04 aggregated by AS_OF_DATE.
- Stage Management Ledger04
Granular table records at FINANCIAL_ELEM_CODE level.

Figure 5-16 Staging Ledger Data – Management Ledger04

5.3.6 Management Ledger05

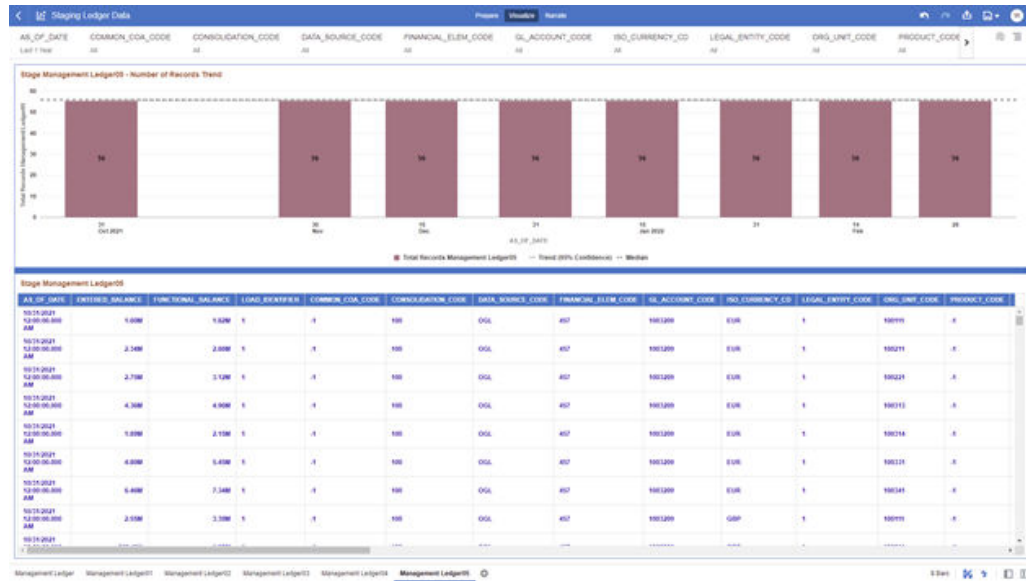
The Management Ledger05 Report provides the analysis capability on the Stage Placeholder Management Ledger 05 table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Stage Management Ledger05 - Number of Records Trend
Total Records Management Ledger05 aggregated by AS_OF_DATE.
- Stage Management Ledger05
Granular table records at FINANCIAL_ELEM_CODE level.

Figure 5-17 Staging Ledger Data – Management Ledger05



5.4 Staging Transaction Summary Data

You can use this report to perform the analysis on the Staging area tables related to Transaction Summary Data. The report contains specifically the following Staging Database Objects:

Table 5-5 Staging Ledger Data Reports

Report Name	Scope	Table Layer	Physical Table List	Logical Table List	Report Canvas Name
Staging Transaction Summary Data	Transaction Summary	STG–Staging	STG_ASSET_TXN STG_LIABILITY_TXN STG_FEE_BASED_SERV ETXN STG_OFF_BALANCE_SHEET_TXN	Stage Asset Transaction Summary Stage Liability Transaction Summary Stage Fee Based and Other Services Transaction Summary Stage Off Balance Sheet Transaction Summary	Assets Transaction Summary Liabilities Transaction Summary Fee Based Services Transaction Summary Off Balance Sheet Transaction Summary

5.4.1 Asset Transaction Summary

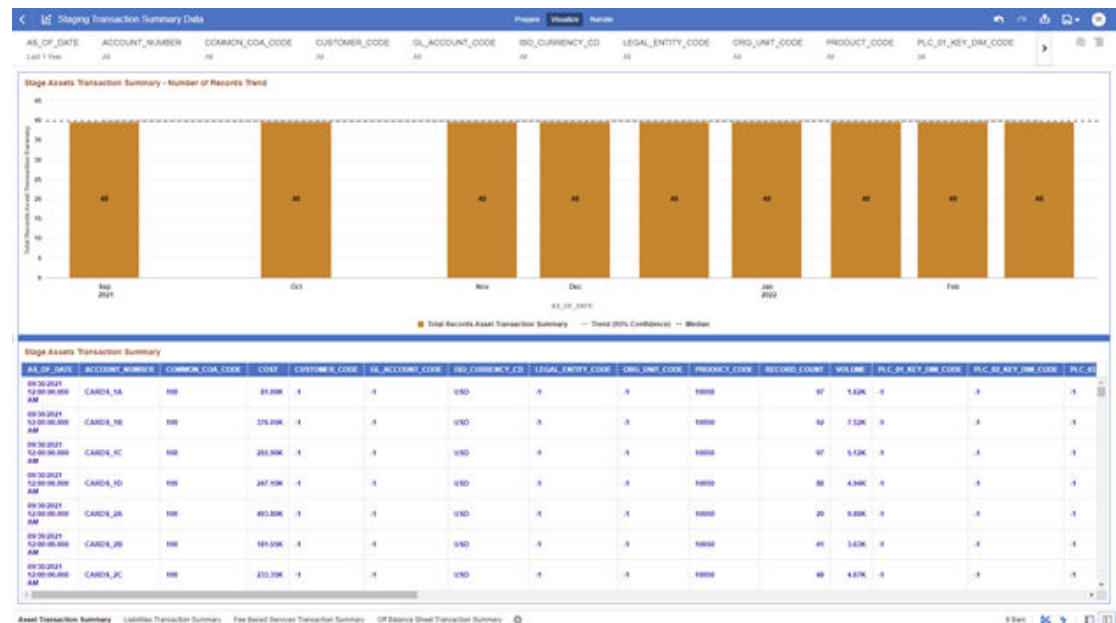
This report provides the analysis capability on the Stage Assets Transaction Summary Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Stage Assets Transaction Summary - Number of Records Trend
Total Records Assets Transaction Summary aggregated by AS_OF_DATE.
- Stage Assets Transaction Summary
Granular table records at ACCOUNT_NUMBER level.

Figure 5-18 Staging Transaction Summary Data – Asset Transaction Summary



5.4.2 Liabilities Transaction Summary

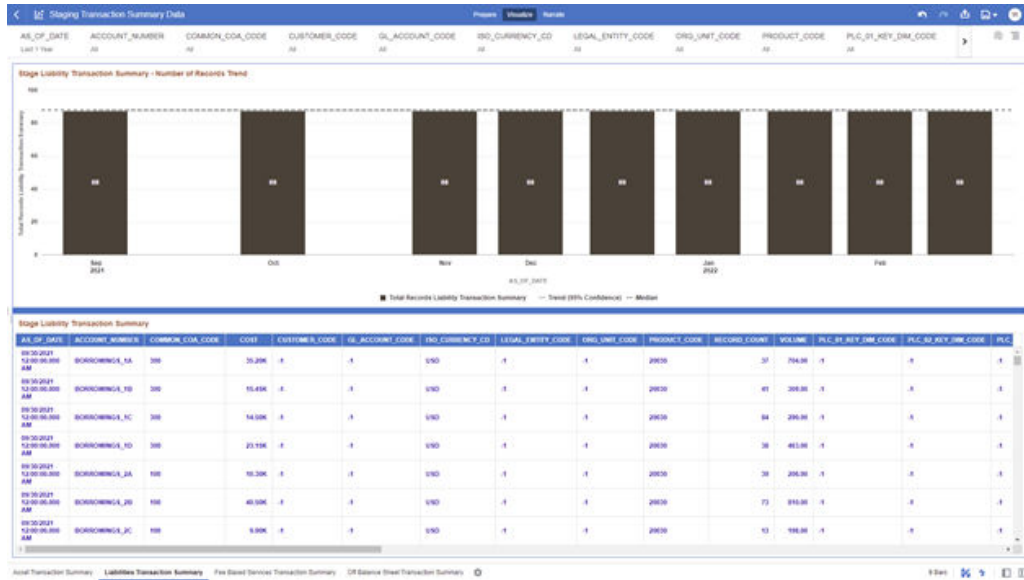
The Liabilities Transaction Summary Report provides the analysis capability on the Stage Liability Transaction Summary Table.

You can use a series of Report Prompts to filter the data according to functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Stage Liability Transaction Summary - Number of Records Trend
Total Records Liability Transaction Summary aggregated by AS_OF_DATE.
- Stage Liability Transaction Summary
Granular table records at ACCOUNT_NUMBER level.

Figure 5-19 Staging Transaction Summary Data – Liabilities Transaction Summary



5.4.3 Fee Based Services Transaction Summary

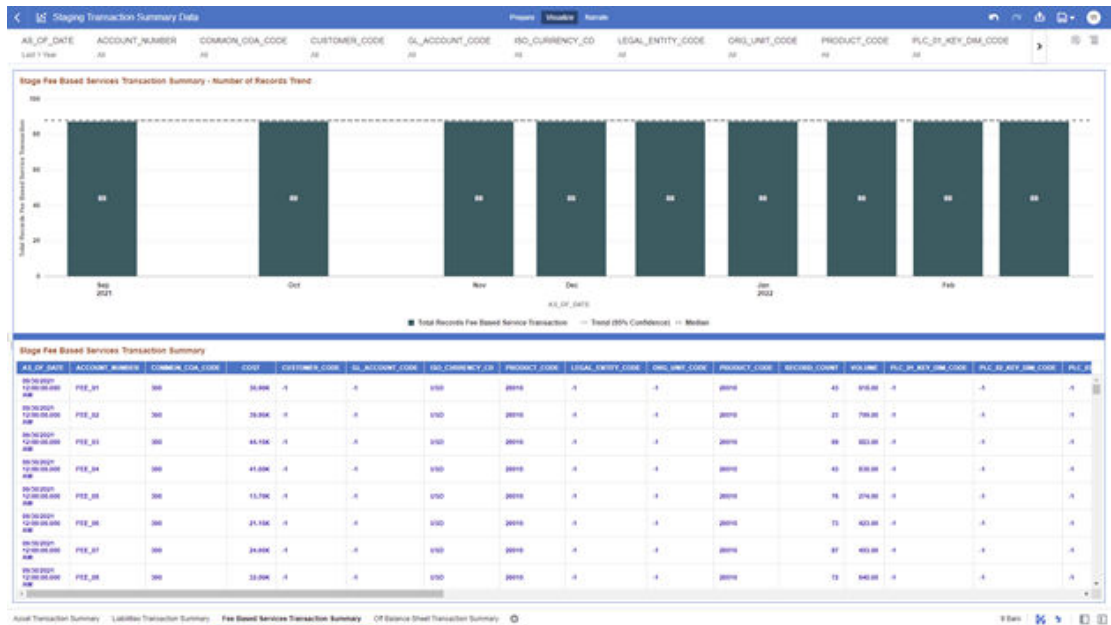
The Fee Based Services Transaction Summary Report provides the analysis capability on the Stage Fee Based and Other Services Transaction Summary Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Stage Fee Based Services Transaction Summary - Number of Records Trend
Total Records Fee Based Service Transaction aggregated by AS_OF_DATE.
- Stage Fee Based Services Transaction Summary
Granular table records at ACCOUNT_NUMBER level.

Figure 5-20 Staging Transaction Summary Data – Fee Based Services Transaction Summary



5.4.4 Off Balance Sheet Transaction Summary

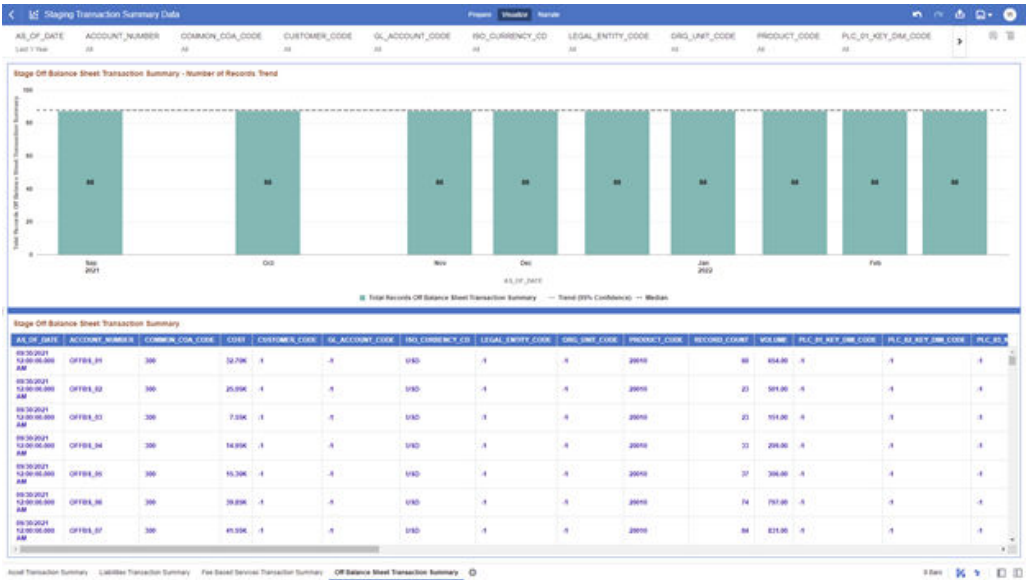
The Off Balance Sheet Transaction Summary Report provides the analysis capability on the Stage Off Balance Sheet Transaction Summary Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Stage Off Balance Sheet Transaction Summary - Number of Records Trend
Total Records Off Balance Sheet Transaction Summary aggregated by AS_OF_DATE.
- Stage Off Balance Sheet Transaction Summary
Granular table records at ACCOUNT_NUMBER level.

Figure 5-21 Staging Transaction Summary Data – Off Balance Sheet Transaction Summary



5.5 Processing Instrument Data

You can use this report to perform the analysis on the Processing Area Tables related to Instrument Data. The report contains specifically the following Processing Database Objects:

Table 5:

Table 5-6 Processing Instrument Data Reports

Report Name	Scope	Table Layer	Physical Table List	Logical Table List	Report Canvas Name
Processing Instrument Data	Instrument	FSI-Processing	FSI_D_ASSET	Asset	Assets
			FSI_D_LIABILITY	Instruments	Liabilities
			FSI_D_DERIVATIVE	Liability Instruments	Derivative Contracts
			FSI_D_FEE_BASSED_SERVICE	Derivative Contracts	Fee Based Services
			FSI_D_LOAN_COMMITMENTS	Fee Based and Other Services	Loan Commitments
			FSI_D_OFF_BALANCE_SHEET	Loan Commitments	Off Balance Sheet Items
			FSI_D_LEDGER_INSTRUMENT	Off Balance Sheet Contracts	Ledger - Instruments
				Ledger	
				Instrument	

5.5.1 Assets

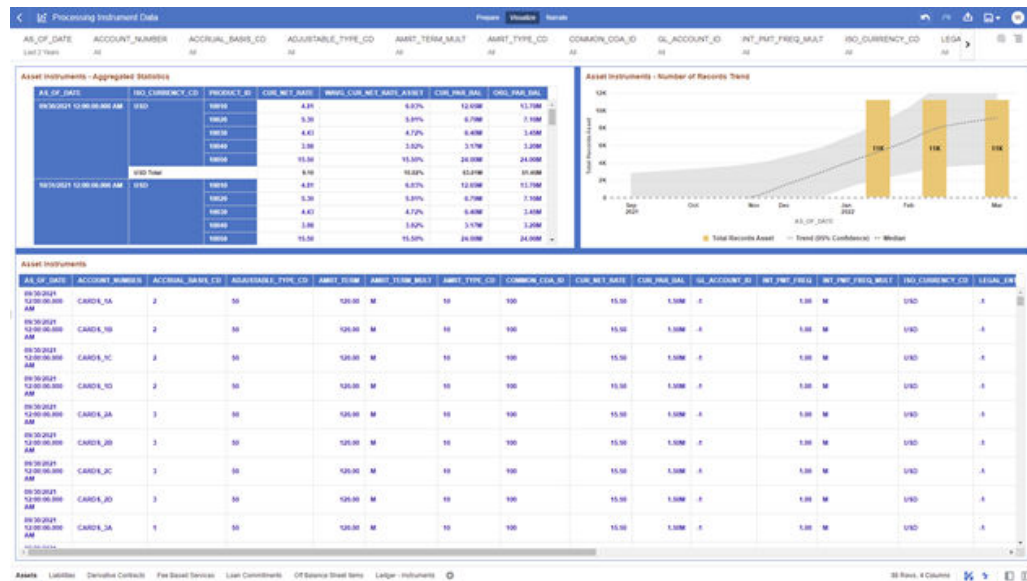
The Assets Report provides the analysis capability on the Asset Instrument Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Asset Instruments - Aggregated Statistics
Aggregation for CUR_PAR_BAL (sum), ORG_PAR_BAL (sum) and CUR_NET_RATE (avg) by AS_OF_DATE, ISO_CURRENCY_CD and PRODUCT_ID.
In addition, for CUR_NET_RATE, the additional Balance Weighted Rate, WAVG_CUR_NET_RATE_ASSET, is calculated as the Weighted AVG by CUR_PAR_BAL.
- Asset Instruments - Number of Records Trend
Total Records Asset aggregated by AS_OF_DATE.
- Asset Instruments
Granular table records at ACCOUNT_NUMBER level.

Figure 5-22 Processing Instrument Data - Assets



5.5.2 Liabilities

The Liabilities Report provides the analysis capability on the Liability Instrument Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

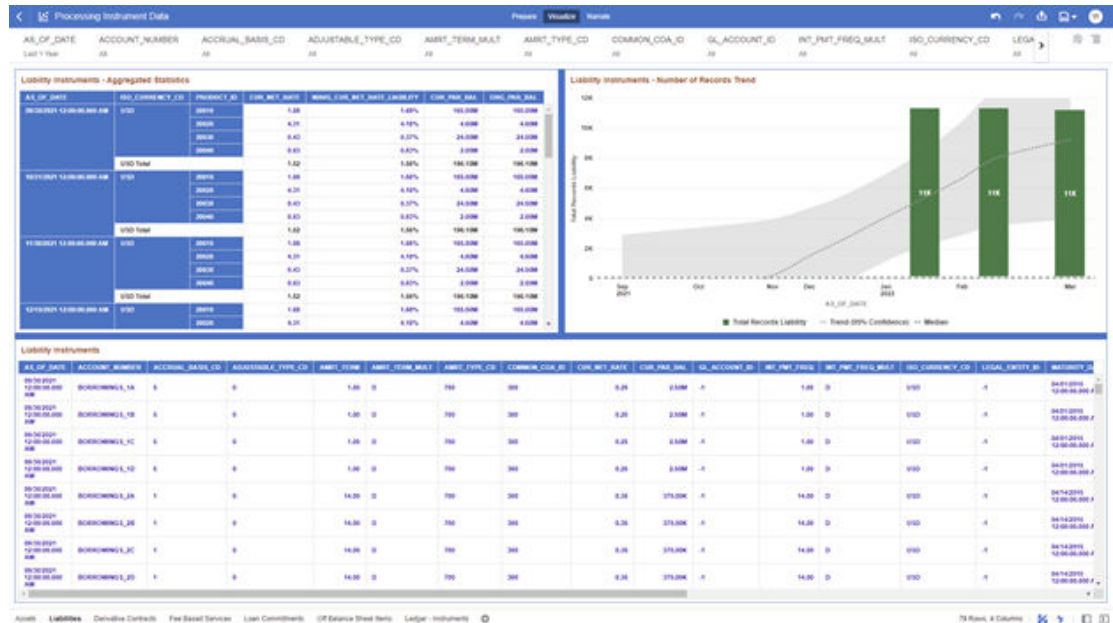
The report displays the underlying data according to the following Charts' logic:

- **Liability Instruments - Aggregated Statistics**
Aggregation for CUR_PAR_BAL (sum), ORG_PAR_BAL (sum) and CUR_NET_RATE (avg) by AS_OF_DATE, ISO_CURRENCY_CD and PRODUCT_ID.

In addition, for CUR_NET_RATE, the additional Balance Weighted Rate, WAVG_CUR_NET_RATE_LIABILITY, is calculated as the Weighted AVG by CUR_PAR_BAL.

- **Liability Instruments - Number of Records Trend**
Total Records Liability aggregated by AS_OF_DATE.
- **Liability Instruments**
Granular table records at ACCOUNT_NUMBER level.

Figure 5-23 Processing Instrument Data - Liabilities



5.5.3 Derivative Contracts

The Derivative Contracts Report provides the analysis capability on the Derivative Contracts Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

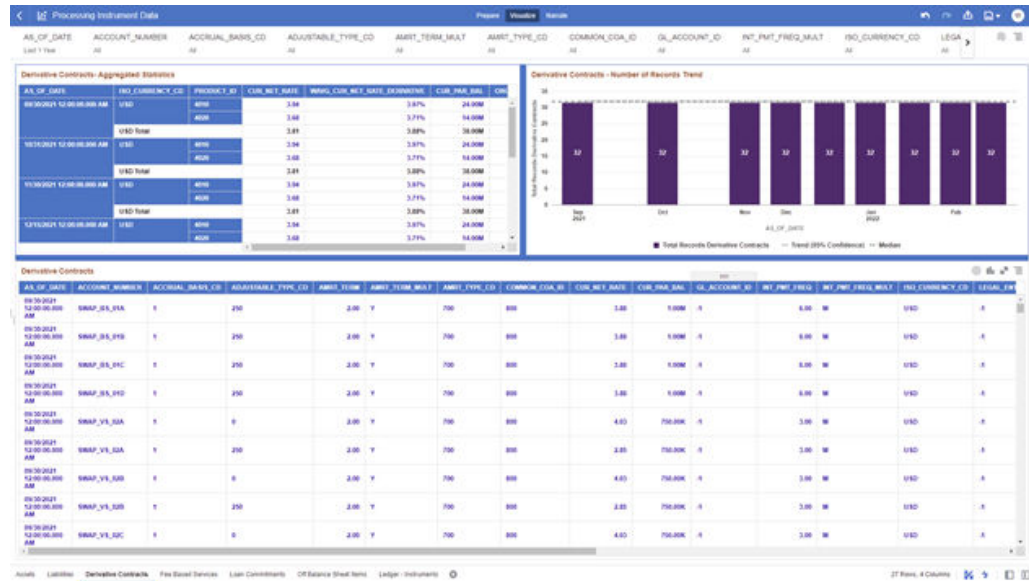
The report displays the underlying data according to the following Charts' logic:

- Derivative Contracts - Aggregated Statistics
Aggregation for CUR_PAR_BAL (sum), ORG_PAR_BAL (sum) and CUR_NET_RATE (avg) by AS_OF_DATE, ISO_CURRENCY_CD and PRODUCT_ID.

In addition, for CUR_NET_RATE, the additional Balance Weighted Rate, WAVG_CUR_NET_RATE_LIABILITY, is calculated as the Weighted AVG by CUR_PAR_BAL.

- Derivative Contracts - Number of Records Trend
Total Records Derivative Contracts aggregated by AS_OF_DATE.
- Derivative Contracts
Granular table records at ACCOUNT_NUMBER level.

Figure 5-24 Processing Instrument Data – Derivative Contracts



5.5.4 Fee Based Services

The Fee Based Services Report provides the analysis capability on the Fee Based and Other Services Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

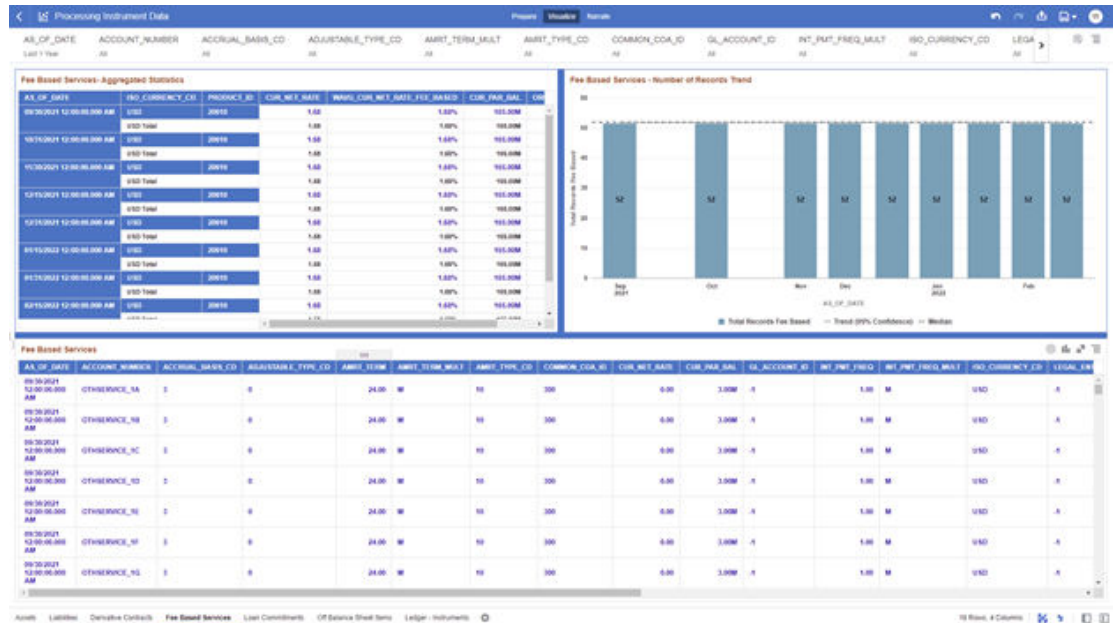
The report displays the underlying data according to the following Charts' logic:

- Fee Based Services - Aggregated Statistics
Aggregation for CUR_PAR_BAL (sum), ORG_PAR_BAL (sum) and CUR_NET_RATE (avg) by AS_OF_DATE, ISO_CURRENCY_CD and PRODUCT ID.

In addition, for CUR_NET_RATE, the additional Balance Weighted Rate, WAVG_CUR_NET_RATE_FEE_BASED, is calculated as the Weighted AVG by CUR PAR BAL.

- Fee Based Services - Number of Records Trend
Total Records Fee Based aggregated by AS_OF_DATE.
- Fee Based Services
Granular table records at ACCOUNT NUMBER level.

Figure 5-25 Processing Instrument Data – Fee Based Services



5.5.5 Loan Commitments

The Loan Commitments Report provides the analysis capability on the Loan Commitments Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

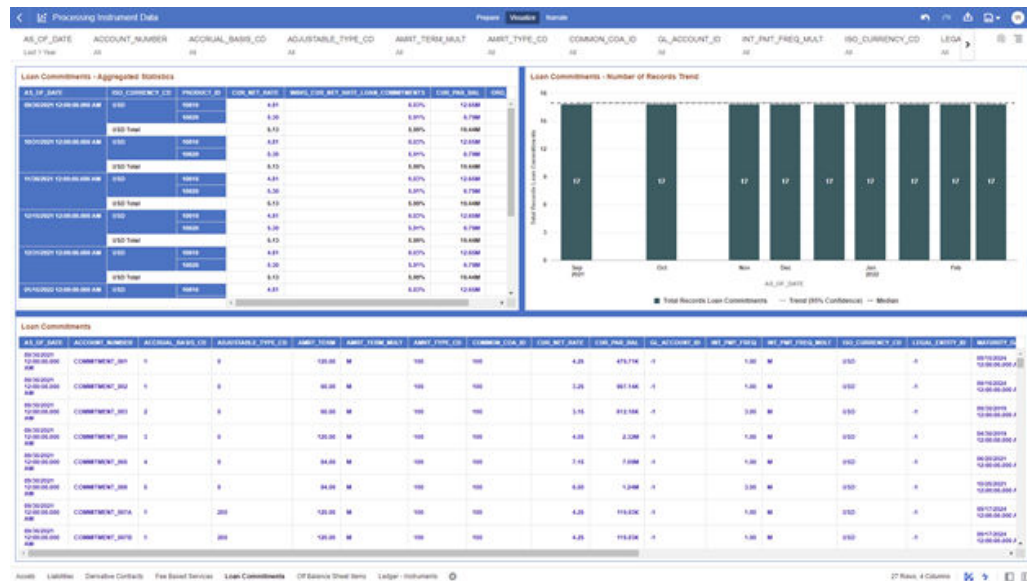
The report displays the underlying data according to the following Charts' logic:

- **Loan Commitments - Aggregated Statistics**
Aggregation for CUR_PAR_BAL (sum), ORG_PAR_BAL (sum) and CUR_NET_RATE (avg) by AS_OF_DATE, ISO_CURRENCY_CD and PRODUCT_ID.

In addition, for CUR_NET_RATE, the additional Balance Weighted Rate, WAVG_CUR_NET_RATE_LOAN_COMMITMENTS, is calculated as the Weighted AVG by CUR_PAR_BAL.

- **Loan Commitments - Number of Records Trend**
Total Records Loan Commitments aggregated by AS_OF_DATE.
- **Loan Commitments**
Granular table records at ACCOUNT_NUMBER level.

Figure 5-26 Processing Instrument Data – Loan Commitments



5.5.6 Off Balance Sheet Items

The Off Balance Sheet Items Report provides the analysis capability on the Off Balance Sheet Contracts Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

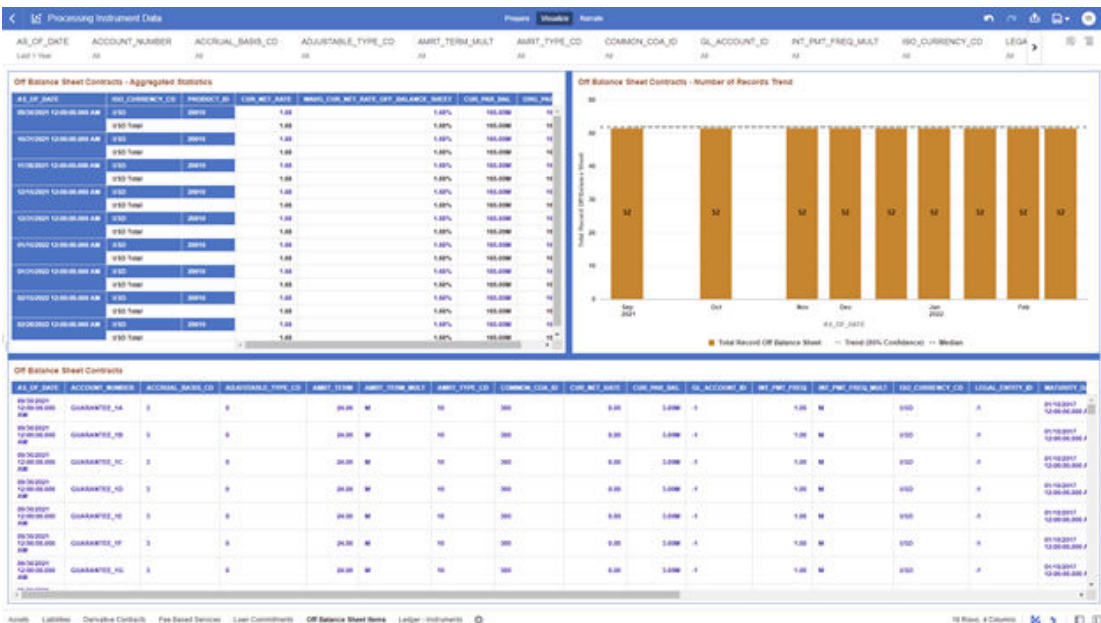
The report displays the underlying data according to the following Charts' logic:

- Off Balance Sheet Contracts - Aggregated Statistics
Aggregation for CUR_PAR_BAL (sum), ORG_PAR_BAL (sum) and CUR_NET_RATE (avg) by AS_OF_DATE, ISO_CURRENCY_CD and PRODUCT_ID.

In addition, for CUR_NET_RATE, the additional Balance Weighted Rate, WAVG_CUR_NET_RATE_OFF_BALANCE_SHEET, is calculated as the Weighted AVG by CUR_PAR_BAL.

- Off Balance Sheet Contracts - Number of Records Trend
Total Record Off Balance Sheet aggregated by AS_OF_DATE.
- Off Balance Sheet Contracts
Granular table records at ACCOUNT_NUMBER level.

Figure 5-27 Processing Instrument Data – Off Balance Sheet Items



5.5.7 Ledger - Instruments

The Ledger – Instrument Report provides the analysis capability on the Ledger Instrument Table.

You can use a series of Report Prompts to filter the data according to functional key attributes pertaining to the table columns perimeter.

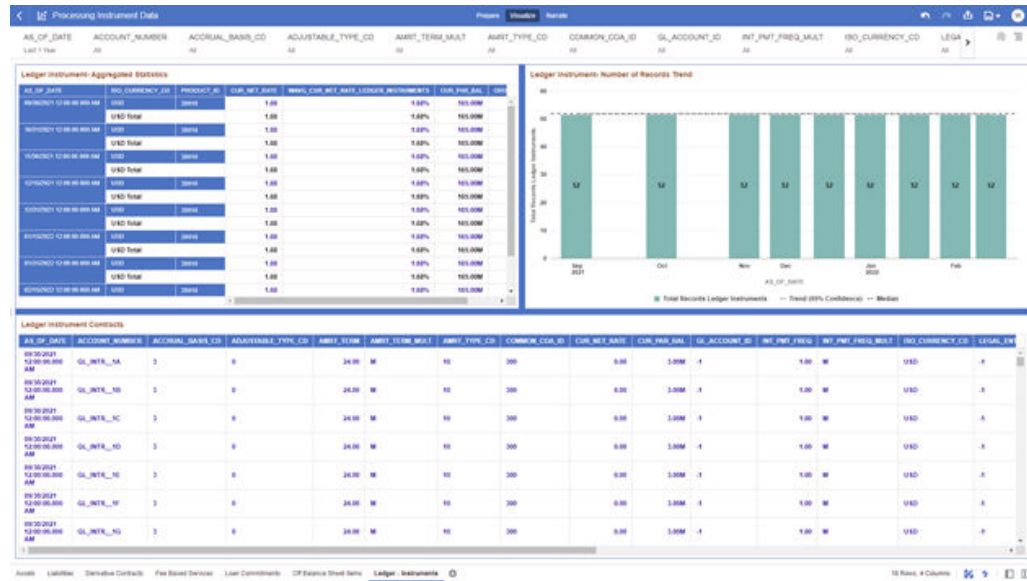
The report displays the underlying data according to the following Charts' logic:

- **Ledger Instrument - Aggregated Statistics**
Aggregation for CUR_PAR_BAL (sum), ORG_PAR_BAL (sum) and CUR_NET_RATE (avg) by AS OF DATE, ISO CURRENCY CD and PRODUCT ID.

In addition, for CUR_NET_RATE, the additional Balance Weighted Rate, WAVG_CUR_NET_RATE_LEDGER_INSTRUMENTS, is calculated as the Weighted AVG by CUR PAR BAL.

- Ledger Instrument - Number of Records Trend
Total Records Ledger Instruments aggregated by AS_OF_DATE.
- Ledger Instrument
Granular table records at ACCOUNT NUMBER level.

Figure 5-28 Processing Instrument Data – Ledger Instruments



5.6 Processing Instrument Supplementary Data

You can use this report to perform the analysis on the Processing Area Tables related to Instrument Data. The report contains specifically the below Processing Database Objects:

Table 6: Processing Instrument Supplementary Data

Table 5-7 Processing Instrument Supplementary Data

Report Name	Scope	Table Layer	Physical Table List	Logical Table List	Report Canvas Name
Processing Instrument Supplementary Data	Instrument Supplementary	FSI– Processing	FSI_D_ACCO UNT_INDEX_ HIST FSI_D_ACCO UNT_RATE_T IERS FSI_D_EMBE DDED_OPTIO NS_SCH FSI_D_PAYM ENT_SCHED ULE	Account Index History Account Rate Tiers Embedded Options Schedule Payment Schedule	Account Index History Account Rate Tiers Embedded Options Schedule Payment Schedule

5.6.1 Account Index History

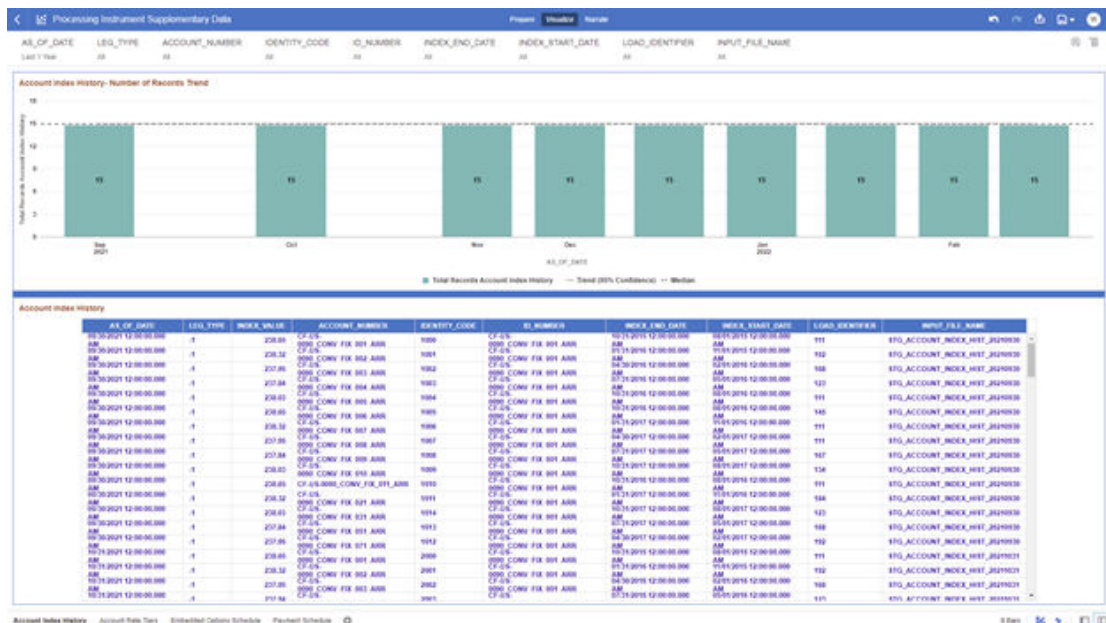
The Account Index History Report provides the analysis capability on the Account Index History Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Account Index History - Number of Records Trend
Total Records Account Index History aggregated by AS_OF_DATE.
- Account Index History
Granular table records at ACCOUNT_NUMBER level.

Figure 5-29 Processing Instrument Supplementary Data – Account Index History



5.6.2 Account Rate Tiers

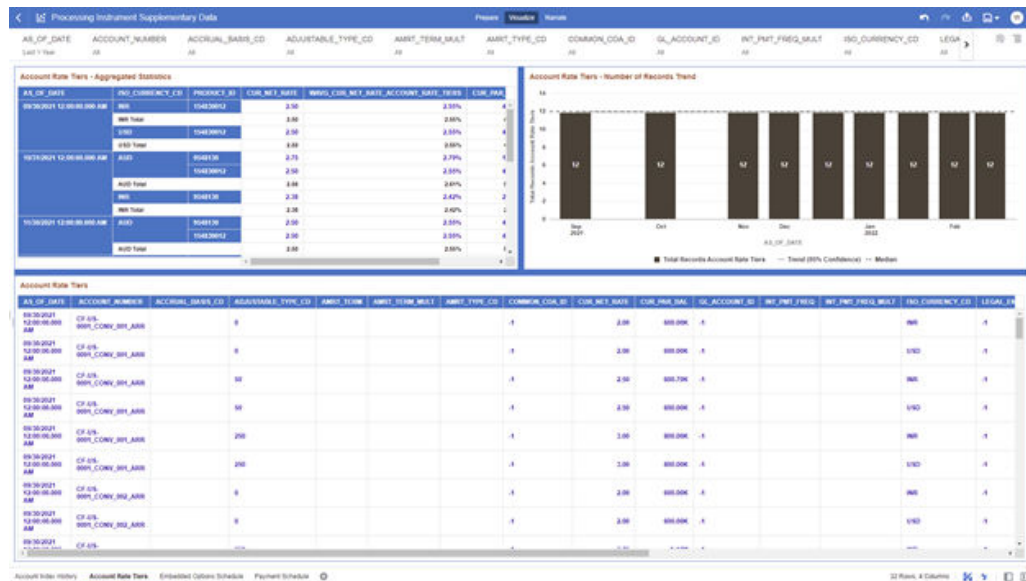
The Account Rate Tiers Report provides the analysis capability on the Account Rate Tiers Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Account Rate Tiers - Number of Records Trend
Total Records Account Rate Tiers aggregated by AS_OF_DATE.
- Account Rate Tiers
Granular table records at ACCOUNT_NUMBER level.

Figure 5-30 Processing Instrument Supplementary Data – Account Rate Tiers



5.6.3 Embedded Options Schedule

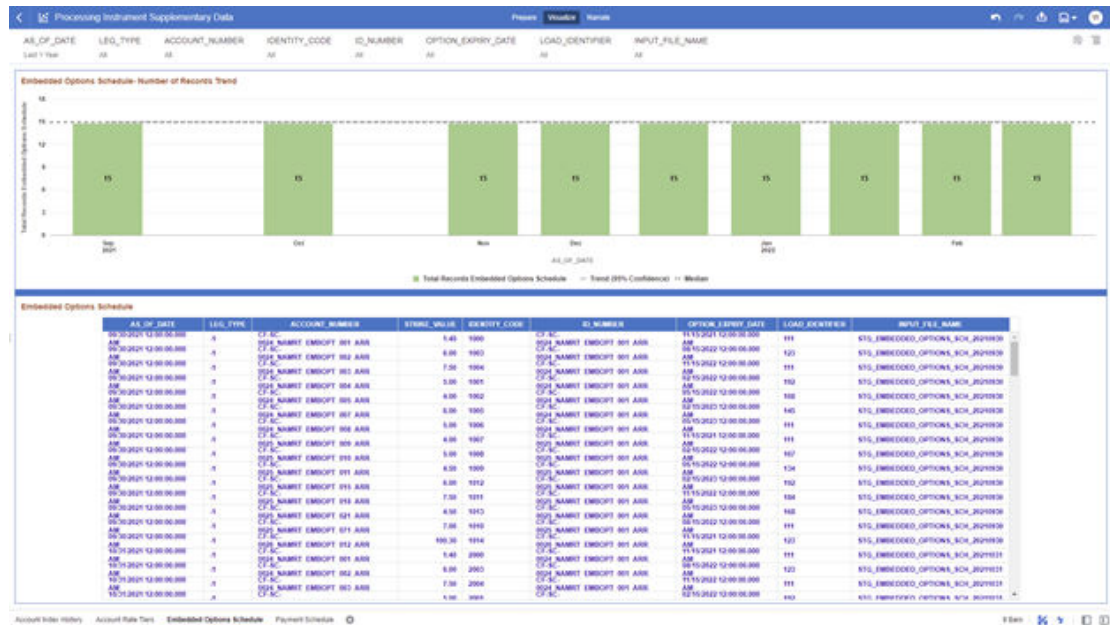
The Embedded Options Schedule Report provides the analysis capability on the Embedded Options Schedule Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Embedded Options Schedule - Number of Records Trend
Total Records Embedded Options Schedule aggregated by AS_OF_DATE.
- Embedded Options Schedule
Granular table records at ACCOUNT NUMBER level.

Figure 5-31 Processing Instrument Supplementary Data – Embedded Options Schedule



5.6.4 Payment Schedule

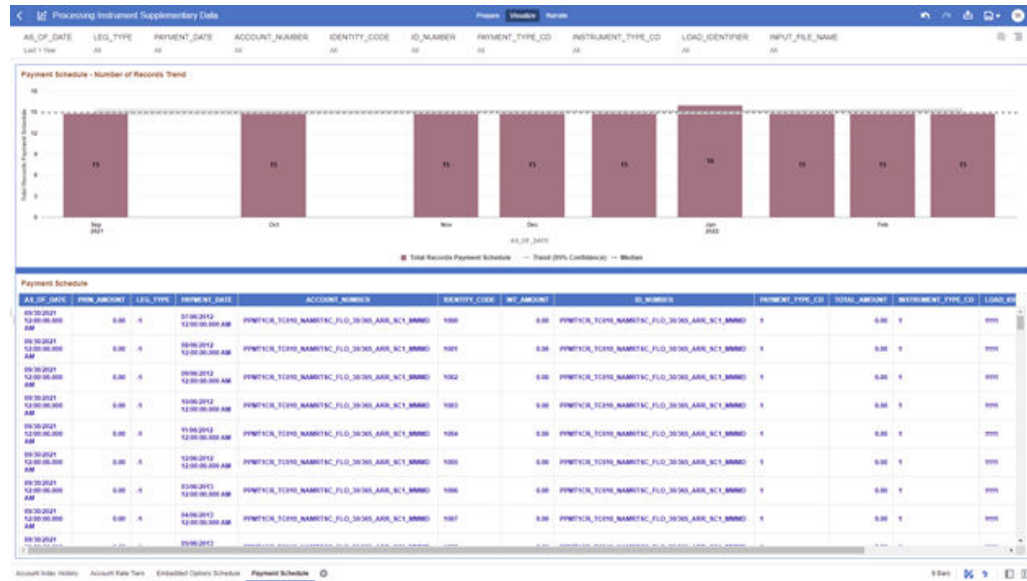
The Payment Schedule Report provides the analysis capability on the Payment Schedule Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Payment Schedule - Number of Records Trend
Total Records Payment Schedule aggregated by AS_OF_DATE.
- Payment Schedule
Granular table records at ACCOUNT_NUMBER level.

Figure 5-32 Processing Instrument Supplementary Data – Payment Schedule



5.7 Processing Ledger Data

You can use this report to perform analysis on the Processing Area Tables related to Ledger Data. The report contains specifically the following Staging Database Objects:

Table 7: Staging Ledger Data Reports

Table 5-8 Staging Ledger Data Reports

Report Name	Scope	Table Layer	Physical Table List	Logical Table List	Report Canvas Name
Processing Ledger Data	Ledger	FSI-Processing	FSI_D_MANA	Management	Management
			GEMENT_LE	Ledger	Ledger
			DGER	Placeholder	Management
			FSI_D_MANA	Management	Ledger 01
			GEMENT_LE	Ledger 01	Management
			DGER_01	Placeholder	Ledger 02
			FSI_D_MANA	Management	Management
			GEMENT_LE	Ledger 02	Ledger 03
			DGER_02	Placeholder	Management
			FSI_D_MANA	Management	Ledger 04
			GEMENT_LE	Ledger 03	Management
			DGER_03	Placeholder	Ledger 05
			FSI_D_MANA	Management	Management
			GEMENT_LE	Ledger 04	Ledger 05
			DGER_04	Placeholder	
			FSI_D_MANA	Management	Management
			GEMENT_LE	Ledger 05	Ledger 05
			DGER_05		

5.7.1 Management Ledger

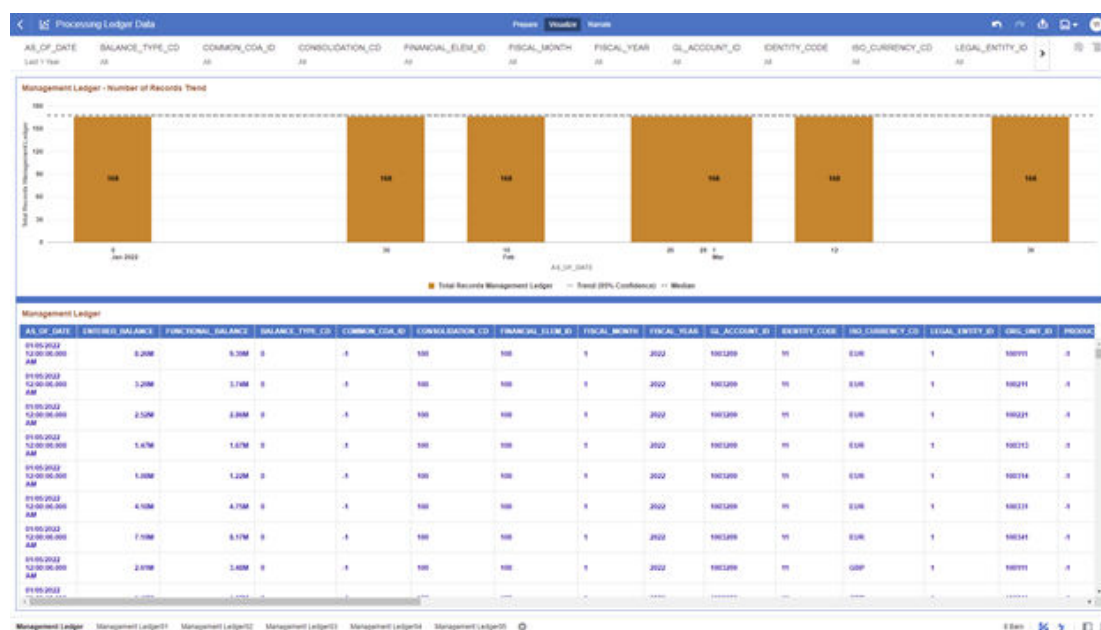
The Management Ledger Report provides the analysis capability on the Management Ledger Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Management Ledger - Number of Records Trend
Total Records Management Ledger aggregated by AS_OF_DATE.
- Management Ledger
Granular table records at FINANCIAL_ELEM_ID level.

Figure 5-33 Processing Ledger Data – Management Ledger



5.7.2 Management Ledger01

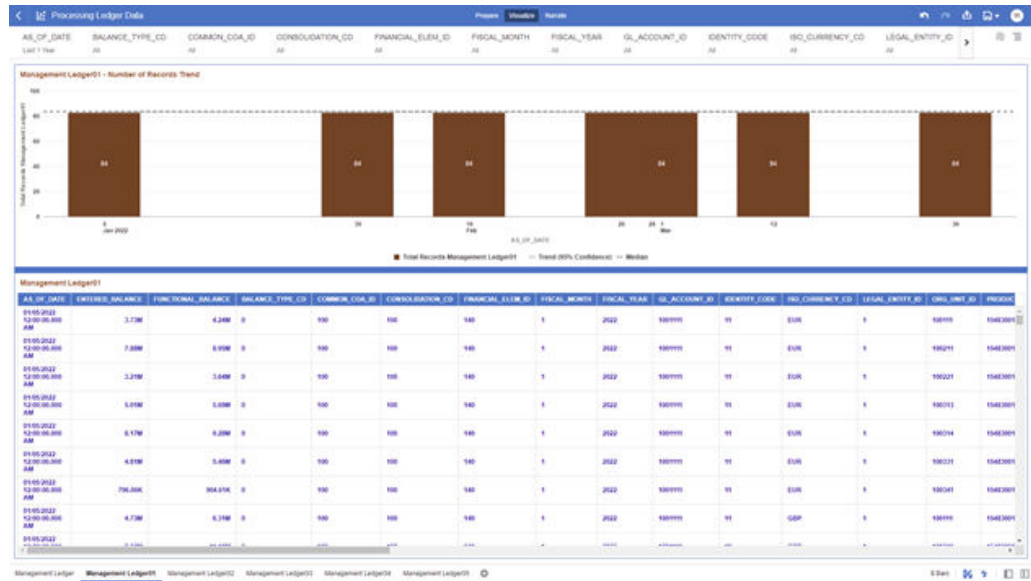
The Management Ledger01 Report provides the analysis capability on the Placeholder Management Ledger 01 Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Management Ledger01 - Number of Records Trend
Total Records Management Ledger01 aggregated by AS_OF_DATE.
- Management Ledger01
Granular table records at FINANCIAL_ELEM_ID level.

Figure 5-34 Processing Ledger Data – Management Ledger01



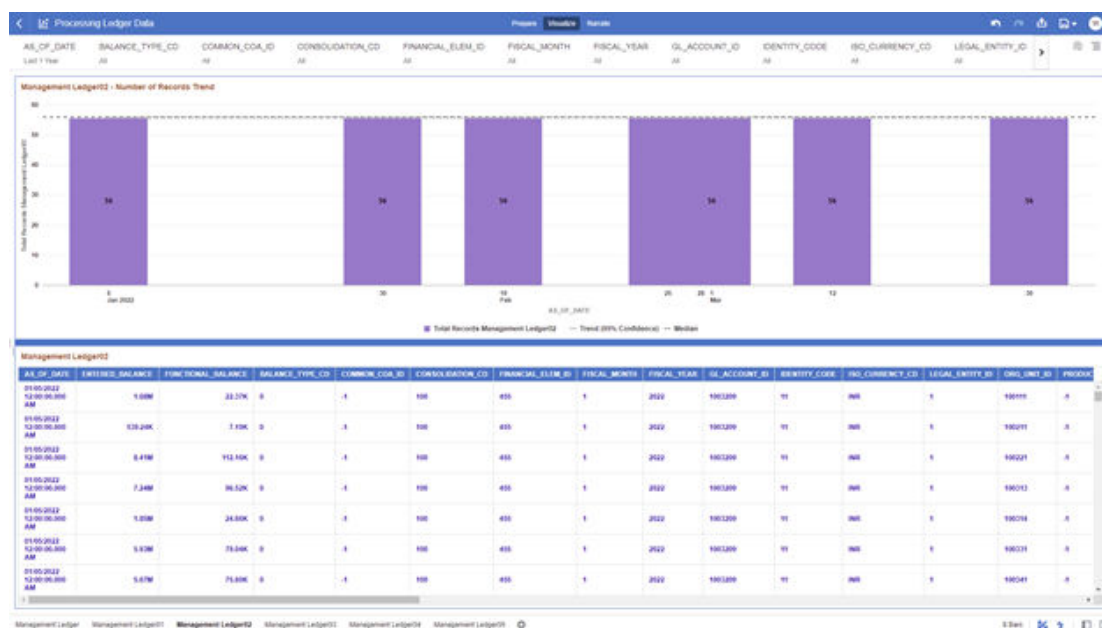
5.7.3 Management Ledger02

The Management Ledger02 Report provides the analysis capability on the Placeholder Management Ledger 02 Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Management Ledger02 - Number of Records Trend
Total Records Management Ledger02 aggregated by AS_OF_DATE.
- Management Ledger02
Granular table records at FINANCIAL_ELEM_ID level.

Figure 5-35 Processing Ledger Data – Management Ledger02

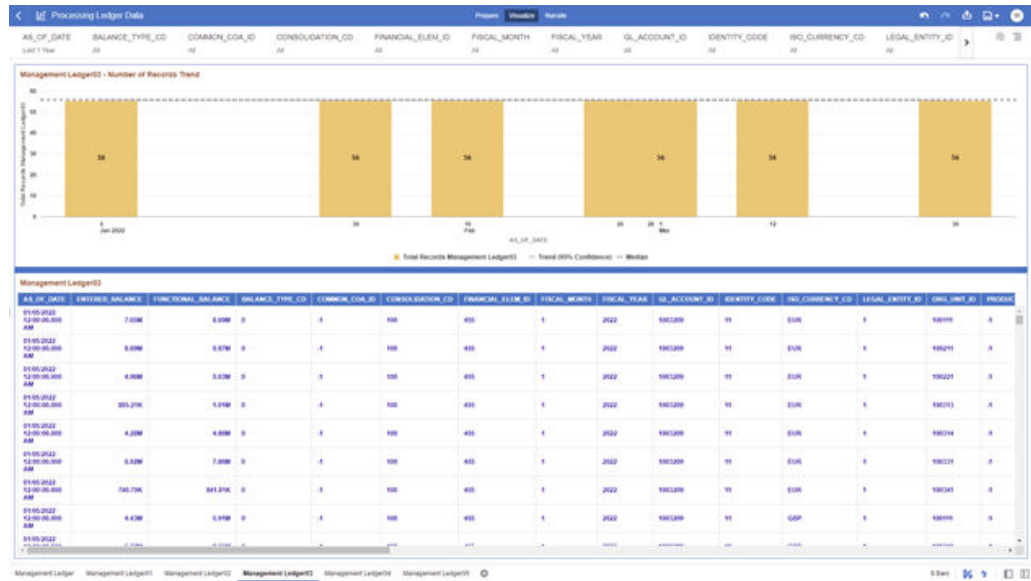
5.7.4 Management Ledger03

The Management Ledger03 Report provides the analysis capability on the Placeholder Management Ledger 03 Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Management Ledger03 - Number of Records Trend
Total Records Management Ledger03 aggregated by AS_OF_DATE.
- Management Ledger03
Granular table records at FINANCIAL_ELEM_ID level.

Figure 5-36 Processing Ledger Data – Management Ledger03

5.7.5 Management Ledger04

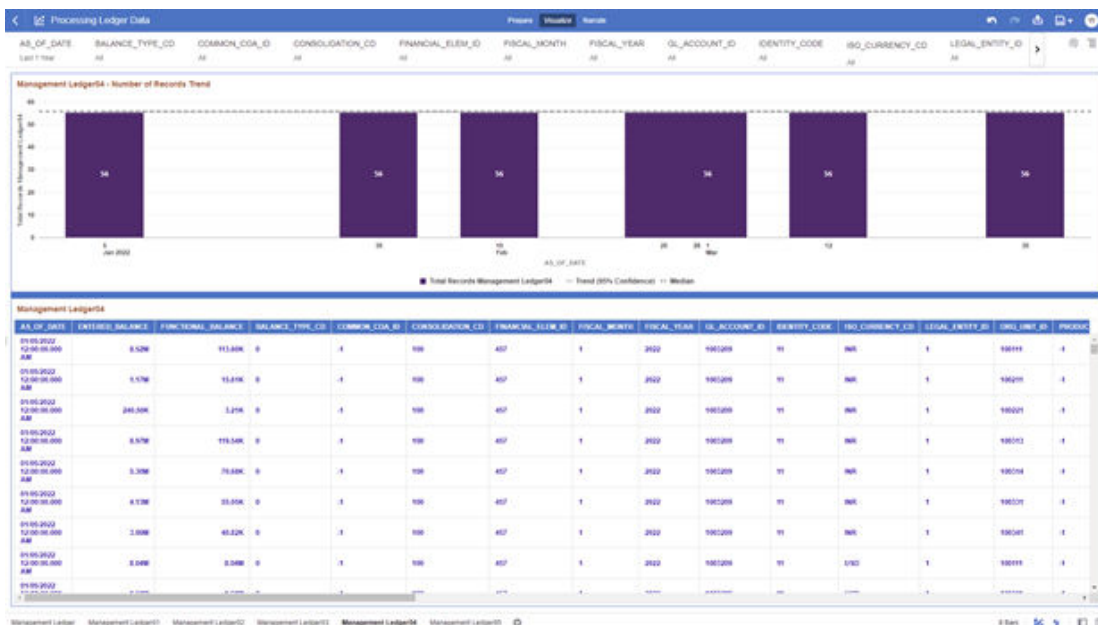
The Management Ledger04 Report provides the analysis capability on the Placeholder Management Ledger 04 Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Management Ledger04 - Number of Records Trend
Total Records Management Ledger04 aggregated by AS_OF_DATE.
- Management Ledger04
Granular table records at FINANCIAL_ELEM_ID level.

Figure 5-37 Processing Ledger Data – Management Ledger04



5.7.6 Management Ledger05

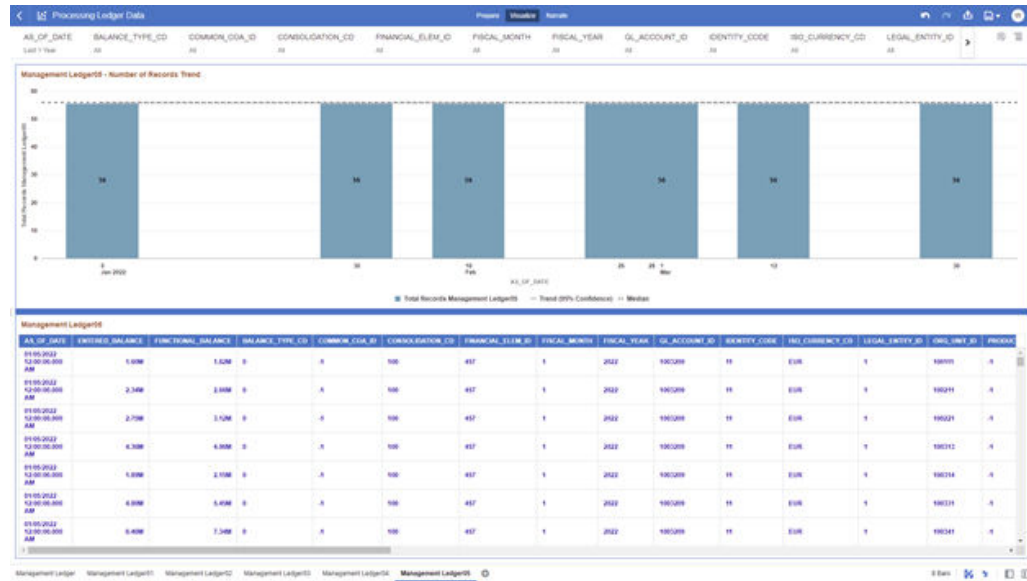
The Management Ledger05 Report provides the analysis capability on the Placeholder Management Ledger 05 Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Management Ledger05 - Number of Records Trend
Total Records Management Ledger05 aggregated by AS_OF_DATE.
- Management Ledger05
Granular table records at FINANCIAL_ELEM_ID level.

Figure 5-38 Processing Ledger Data – Management Ledger05



5.8 Processing Transaction Summary Data

You can use this report to perform the analysis on the Processing Area Tables related to Transaction Summary Data.

The report contains specifically the following Staging Database Objects:

Table 5-9 Staging Transaction Summary Data Reports

Report Name	Scope	Table Layer	Physical Table List	Logical Table List	Report Canvas Name
Processing Transaction Summary Data	Transaction Summary	FSI– Processing	FSI_D_ASSET_TXNS FSI_D_LIABILITY_TXNS FSI_D_FEE_BASED_SERVICES_TXNS FSI_D_OFF_BALANCE_SHEET_TXNS	Asset Transaction Summary Liability Transaction Summary Fee Based and Other Services Transaction Summary Off Balance Sheet Transaction Summary	Assets Transaction Summary Liabilities Transaction Summary Fee Based Services Transaction Summary Off Balance Sheet Transaction Summary

5.8.1 Asset Transaction Summary

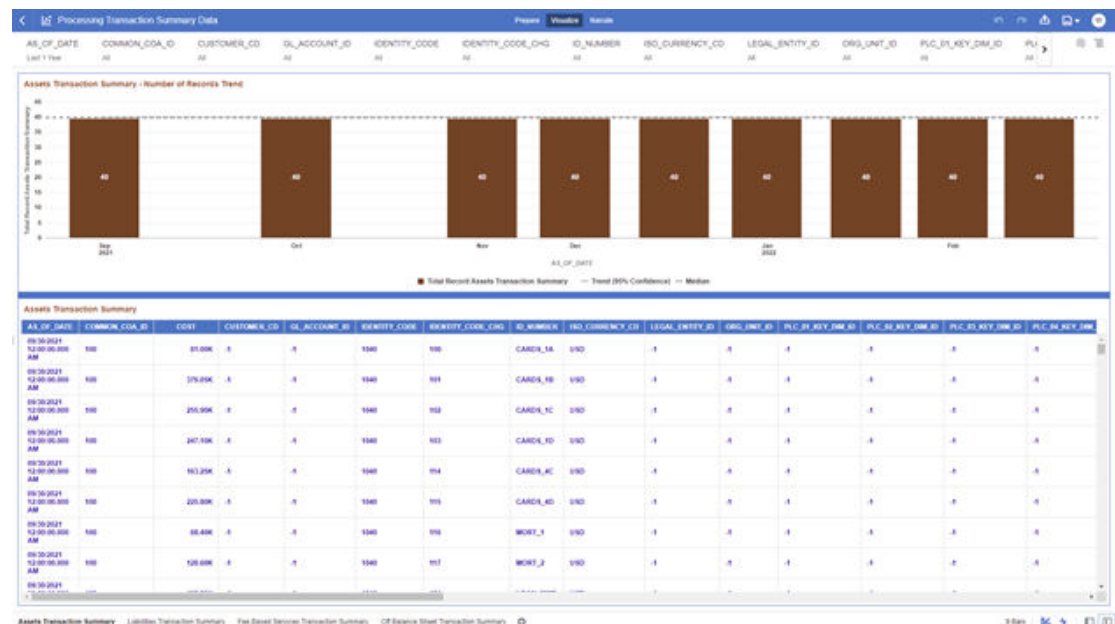
The Asset Transaction Summary Report provides the analysis capability on the Assets Transaction Summary Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Assets Transaction Summary - Number of Records Trend
Total Record Assets Transaction Summary aggregated by AS_OF_DATE.
- Assets Transaction Summary
Granular table records at ID_NUMBER level.

Figure 5-39 Processing Transaction Summary Data - Asset Transaction Summary



5.8.2 Liabilities Transaction Summary

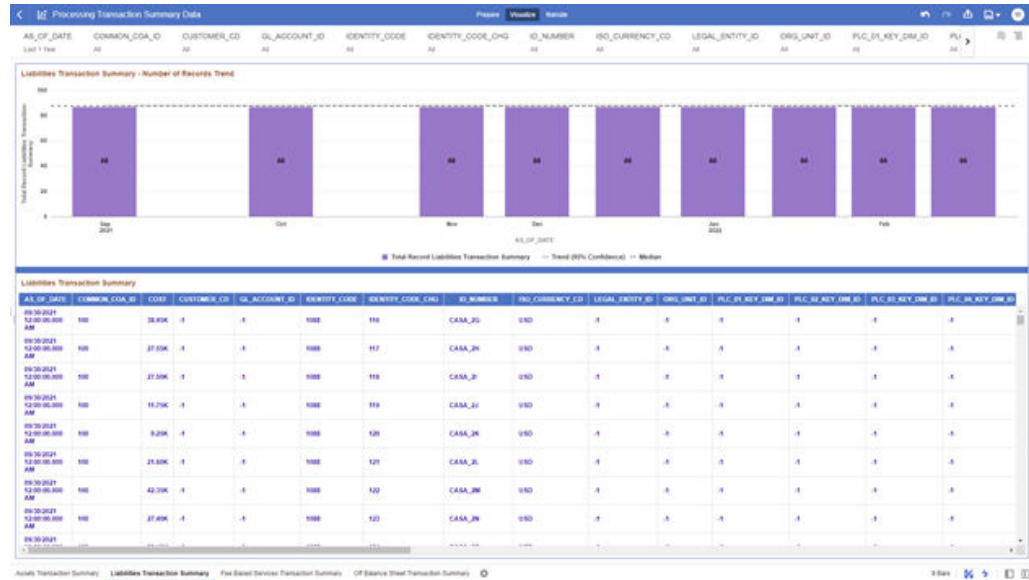
The Liabilities Transaction Summary Report provides the analysis capability on the Liability Transaction Summary Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Liabilities Transaction Summary - Number of Records Trend
Total Record Liability Transaction Summary aggregated by AS_OF_DATE.
- Liabilities Transaction Summary
Granular table records at ID_NUMBER level.

Figure 5-40 Processing Transaction Summary Data – Liabilities Transaction Summary



5.8.3 Fee Based Services Transaction Summary

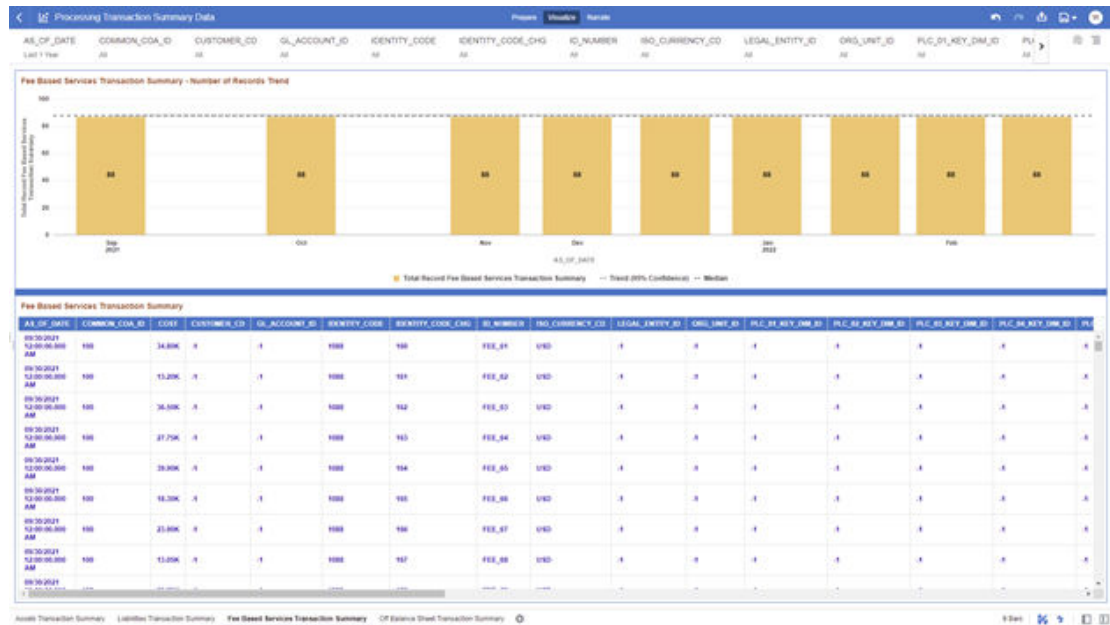
The Fee Based Services Transaction Summary Report provides the analysis capability on the Fee Based and Other Services Transaction Summary Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Fee Based Services Transaction Summary - Number of Records Trend
Total Record Fee Based Services Transaction Summary aggregated by AS_OF_DATE.
- Fee Based Services Transaction Summary
Granular table records at ID_NUMBER level.

Figure 5-41 Processing Transaction Summary Data – Fee Based Services Transaction Summary



5.8.4 Off Balance Sheet Transaction Summary

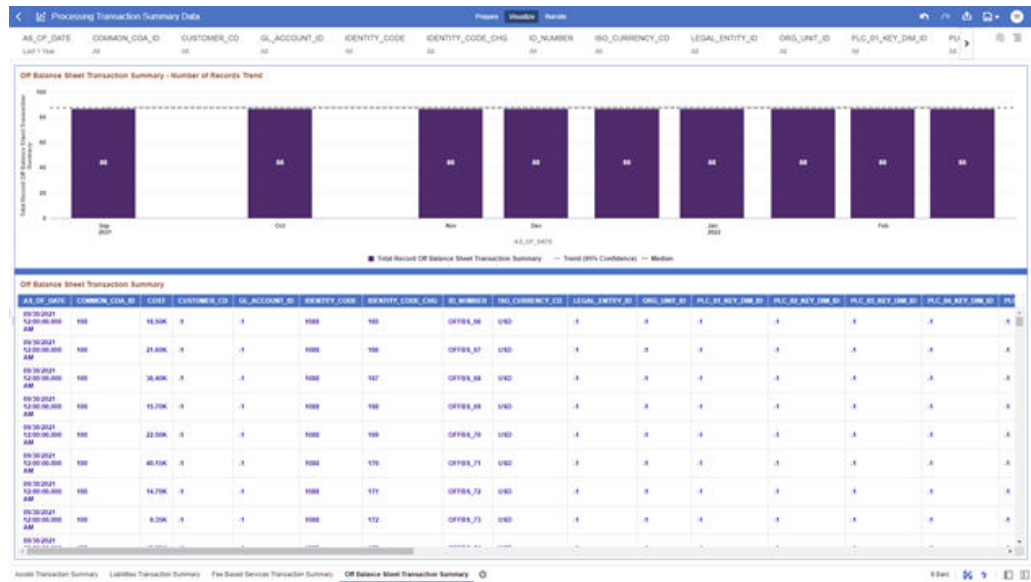
The Off Balance Sheet Transaction Summary Report provides the analysis capability on the Off Balance Sheet Transaction Summary Table.

You can use a series of Report Prompts to filter the data according to Functional Key Attributes pertaining to the Table Columns Perimeter.

The report displays the underlying data according to the following Charts' logic:

- Off Balance Sheet Transaction Summary - Number of Records Trend
Total Record Off Balance Sheet Transaction Summary aggregated by AS_OF_DATE.
- Off Balance Sheet Transaction Summary
Granular table records at ID_NUMBER level.

Figure 5-42 Processing Transaction Summary Data – Off Balance Sheet Transaction Summary



6

Cash Flow Report

This module discusses the procedure for viewing the Input and Output Data for an instrument.

Topics:

- [Overview of Cash Flow Report](#)
- [Viewing Cash Flow Report](#)
- [Downloading Cash Flow Report](#)

6.1 Overview of Cash Flow Report

The Cash Flow Report UI allows you to view the reports with the following information:

- 1.
2. View the report for following input information about the selected instrument as follows:
 - Instrument Attributes
 - Payment Schedule, if applicable
 - Rate Tiers, if applicable
 - Embedded Options Schedule, if applicable
 - Index History, if applicable
3. View the report for the following output information about the selected instrument as follows:
 - Cash Flow
 - Forecast Interest Rate Curve, if applicable
 - Forecast Economic Indicator, if applicable
 - Messages logged during processing

The Cash Flow Report Summary Page allows you to do the following:

- Viewing Cash Flow Report. For more information, see the [Viewing Cash Flow Report](#) section.
- Downloading the report in CSV or Excel. For more information, see the [Downloading Cash Flow Report](#) section.

The account number based on the search criteria are listed here. This is the search section that contains multiple parameters. You can specify one or multiple search criteria in this section. It is mandatory to select a Process and Execution ID to view the report. When you click Search, depending upon the search criteria, this filters and displays the relevant search combination parameters under the Cash Flow Report Summary as a list. You can perform search on the following search criteria:

- As of Date

- Process Name
- Execution ID
- Legal Entity
- Products
- Currency
- Account Number

The Cash Flow Report Summary Page displays the following columns:

Table 6-1 Cash Flow Process rule – Fields and Descriptions

Column	Description
Account Number	Displays the Account Number of Cash Flow Report
As of Date	Displays the As of Date of the Instrument
Legal Entity	Displays the Legal Entity of the Instrument
Product	Displays the Product
Currency	Displays the Currency of the Instrument

6.2 Viewing Cash Flow Report

To view Cash Flow Report of an account, perform the following steps:

1. Navigate to the **Cash Flow Report Summary** Page.
2. Apply search criteria to get list of account numbers that are available. It is mandatory to select a Process and Execution ID to view the report. Click on an account number to view report.
The Cash Flow Report is displayed.
3. Select **Input** Section. Here, you can view the Input information for the following fields:
 - **Instrument Attributes:** Displays the Input Data from Instrument Tables for selected ACCOUNT_NUMBER and AS_OF_DATE. Attributes have been grouped into multiple categories to simplify viewing. Select the Category, Version, and Leg Type. Leg Type drop-down list is applicable for Derivative Accounts.
 - **Payment Schedule:** Displays the Input Data from FSI_D_PAYMENT_SCHEDULE (order by PAYMENT_DATE) for selected ACCOUNT_NUMBER and AS_OF_DATE in Table format. This is applicable if the Amortization type is Payment Schedule (800, 801, 802).
 - **Rate Tiers:** Displays the Input Data from FSI_D_ACCOUNT_RATE_TIERS (order by rank) for selected ACCOUNT_NUMBER and AS_OF_DATE in table format. This is applicable if the Adjustable type is Tiered Rate (300)
 - **Embedded Options Schedule:** Displays the Input Data from FSI_D_EMBEDDED_OPTIONS_SCH (order by option_expiry_date) for selected ACCOUNT_NUMBER and AS_OF_DATE in table format. This is applicable if Embedded Options Flag is Yes and the Option Exercise Type is Bermudan.

- **Index History:** Displays the Input Data from FSI_D_ACCOUNT_INDEX_HIST (order by INDEX_START_DATE) for selected ACCOUNT_NUMBER and AS_OF_DATE in table format. This is applicable if Index Adjustment Type is not 'Not Applicable' and Index ID is null or zero.

 Note:

You can download the data in CSV or Excel format.

4. Select **Output** section. Here, you can view the Output information for the following fields:
 - **Cash Flow:** Displays the Output from FSI_O_CFE_OUTPUT_HIST for selected ACCOUNT_NUMBER, AS_OF_DATE, and EXECUTION_RUN_ID in table format. Here, you can Order by data of the SCENARIO_NUM, LEG_TYPE, SPLIT_ID, RECORD_SEQUENCE.
 - **Forecast Interest Rate:** Displays the Output from FSI_O_FCAST_IRC_RATES_HIST for selected PROCESS_ID and EXECUTION_RUN_ID. Here, you can Order by data of the SCENARIO_NUMBER, INTEREST_RATE_TERM_DAYS. You can compare the Forecast Rates across the scenario. You can select interest rate from INTEREST_RATE_CD drop-down list. Data appears here if Forecast Rates has been selected in Cash Flow Process and Interest Rate Curve(s) have been selected under Calculation Elements.
 - **Forecast Economic Indicator:** Displays the Output from FSI_O_FCAST_ECO_IND_RATES_HIST for selected PROCESS_ID and EXECUTION_RUN_ID. You can filter Economic Indicator from Economic Indicator Name drop-down list to display data. You can compare the Forecast Economic Indicator across the scenario. Here, you can Order by data of the SCENARIO_NUMBER, RATE PERIOD. Data appears here if Forecast Rates has been selected in Cash Flow Process and Economic Indicator(s) have been selected under Calculation Elements.
 - **Message Log:** Displays the Output from FSI_O_CFE_MESSAGES_HIST for selected ACCOUNT_NUMBER, and EXECUTION_RUN_ID in table format.

6.3 Downloading the Report

You can download the Cash Flow Report in CSV or Excel format.

To download the report, follow these steps:

1. Navigate to **Cash Flow Report** and select the **Input** or **Output** Section.
2. Click the **Download** link. The report will be downloaded.

7

Data Insights

To access the Data Insights Report, select Analytics from the LHS Menu, and then select Data Insights.

7.1 Cash Flow Edits

The Cash Flow Edits Process allows you to verify the accuracy and check the completeness of your Instrument Table Data.

The Cash Flow Edits is arranged as a set of reports catering to analysis of the following categories:

- “Rules”
- “Process Stats”
- “Message Log”

7.1.1 Common Filters

Topics:

- “Rules” Canvas Prompt Filters
- “Process Stats” Canvas Prompt Filters
- “Message Log” Canvas Prompt Filters

7.1.1.1 “Rules” Canvas Prompt Filters

You can use a series of Report Prompts to filter the data according to Functional Key Attributes as described below:

Figure 7-1 Canvas Prompt Filters for key Attributes

Group Name	Subgroup Name	Rule Name	Rule Identifier	Condition Columns
All	All	All	All	All

- Group Name: You can use this filter to select a specific Group value related to the available granular rules
- Subgroup Name: You can use this filter to select a specific Subgroup value related to the available granular rules
- Rule Name: You can use this filter to select a specific Rule value
- Rule Identifier: You can use this filter to select a specific Rule Identifier value
- Rule Condition Columns: You can use this filter to select a specific Condition value related to the available granular rules

7.1.1.2 “Process Stats” Canvas Prompt Filters

You can use a series of Report Prompts to filter the data according to Functional Key Attributes as described below:

Figure 7-2 Canvas Prompt Filters for Time Dimension

Processor Execution As Of Date	Processor Execution As of Date (Year)	Processor Execution As of Date (Quarter)	Processor Execution As of Date (Month)	Processor Execution As of Date (Day)
Last 2 Quarters	All	All	All	All

- **Processor Execution As of Date:** The Execution Period of the Cash Flow Edit process. You can use this filter to isolate a selected timeframe for the analysis. The following screenshot displays the possible options that this filter provides against the Time Dimension.

Figure 7-3 As of Processor Execution Date Selection

Processor Execution As Of Date

Last 2 Quarters

Relative Time

Type Last

Increment

Time Level Quarters

Relative To

- Years
- ☒ Quarters
- Months
- Weeks
- Days
- Hours
- Minutes
- Seconds

- Additional Filters for the Time Dimension as follows:
 - Processor Execution As of Date (Year)
 - Processor Execution As of Date (Quarter)

- Processor Execution As of Date (Month)
- Processor Execution As of Date (Day)

Figure 7-4 Canvas Prompt Filters for Standard Dimension

Cashflow Edits Process Name	Execution Run Identifier	Legal Entity Leaf Name	Source Table Name
All	All	All	All

- Cashflow Edits Process Name: You can use this filter to select a specific Cashflow Edit Process value
- Execution Run Identifier: You can use this filter to select a specific Execution Run Identifier value at leaf related to the Cashflow Edits Process
- Legal Entity Leaf Name: You can use this filter to select the Legal Entity Leaf Name that is related to the Cashflow Edit Process execution
- Source Table Name: You can use this filter to select a specific Source Table value related to the to the Cashflow Edit Process execution

7.1.1.3 “Message Log” Canvas Prompt Filters

You can use a series of Report Prompts to filter the data according to Functional Key Attributes as described below:

Figure 7-5 Canvas Prompt Filters for Standard Dimension

Processor Execution As of Date (Day)	Cashflow Edits Process Name	Execution Run Identifier	Account Number
All	All	All	All

- Processor Execution As of Date (Day): The Execution Period of the Cash Flow Edit process. You can use this filter to isolate a selected timeframe for the analysis
- Cashflow Edits Process Name: You can use this filter to select a specific Cashflow Edit Process value
- Execution Run Identifier: You can use this filter to select a specific Execution Run Identifier value at leaf related to the Cashflow Edits Process
- Account Number: You can use this filter to select a specific Account Number value related to the to the Cashflow Edit Process execution

7.1.2 Report Data Action

The Data Actions provide the capability to perform drill down analysis across the downstream report canvases. The drill down is enabled via a data action.

From “Rules” and “Process Stats” report canvases charts, you can select a combination of values, and then perform the navigation to the “message Log” report canvas.

In order to do so, with a right click on the chart selection, the data action options will appear for you to be able to navigate further as described in the following mapping:

- **Navigate to Message Log** – the Data Action will be drilling through the “Message Log” canvas.

The following screenshots show the Data Action list as well as the navigation options that appears once you right click on the desired selection.

Figure 7-6 Data Action configuration

The screenshot shows a 'Data Actions' configuration window. At the top is a dark grey header with the text 'Data Actions'. Below this is a section titled 'Actions' with a plus icon to its right. A list box contains one item: 'Navigate to Message Log' with a close icon (X) to its right. Below the list box are several configuration fields: 'Name' with the value 'Navigate to Message Log', 'Type' with a dropdown menu showing 'Analytics Link', 'Anchor To' with the value 'Select Data' and a plus icon, 'Target' with the value 'This Project', 'Canvas Link' with a dropdown menu showing 'Message Log', and 'Pass Values' with a dropdown menu showing 'All'. At the bottom left is the text 'Supports Multiple Selection' followed by 'On'. At the bottom right are two buttons: 'Cancel' and 'OK'.

Data Actions

Actions +

▴ Navigate to Message Log X

Name Navigate to Message Log

Type Analytics Link ▼

Anchor To Select Data +

Target This Project

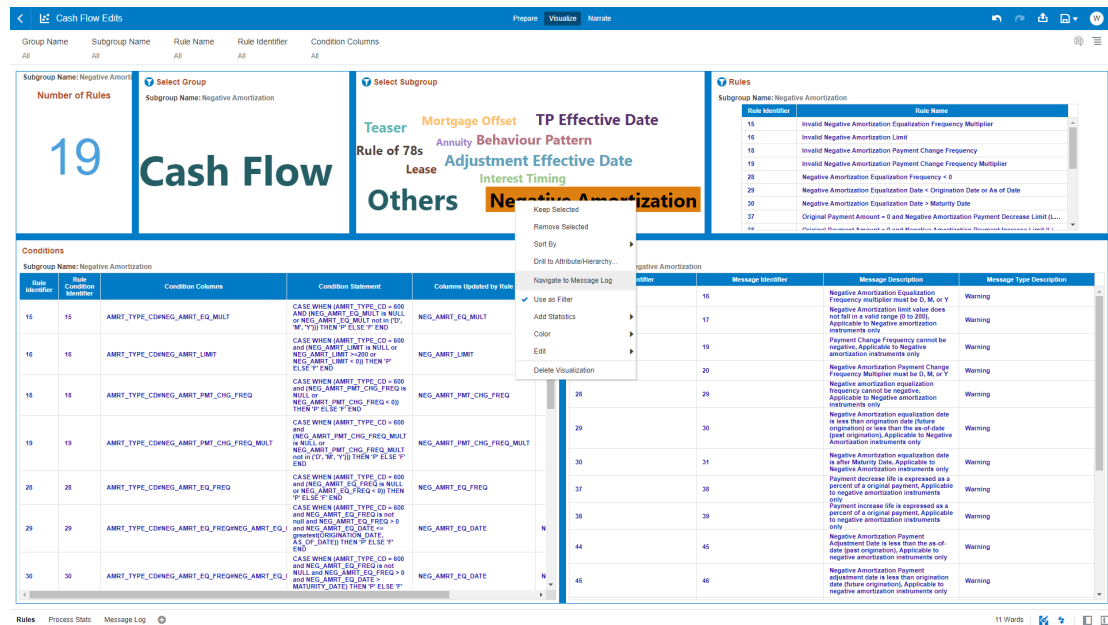
Canvas Link Message Log ▼

Pass Values All ▼

Supports Multiple Selection On

Cancel OK

Figure 7-7 Data Action for Drill down with report Canvases



7.1.3 Rules

The “Rules” Report provides a view of the available Rules to be leveraged by the Cash Flow Edits processes. You can use the report to identify the list of the available rules within the Application as well as to look at their grouping and subgrouping with the granular details for Conditions and Messages.

You can use a series of Report Prompts, as previously described, to filter the data according to key attributes pertaining to the underlying Cash Flow Edit messages.

The report displays the underlying data according to the following Chart’ logic:

- **Number of Rules** The chart provides you with the total Number of Rules available within the Application
- **Select Group** The chart provides you with a selection capability for the desired Group of rules
- **Select Subgroup** The chart provides you with a selection capability for the desired Subgroup of rules
- **Rules**

The chart reports the list of rules available within the Application.

The columns displayed in the chart are the following:

- Rule Identifier
- Rule Name

- **Conditions**

The chart reports the list of conditions defined for each of the rules available within the Application.

The columns displayed in the chart are the following:

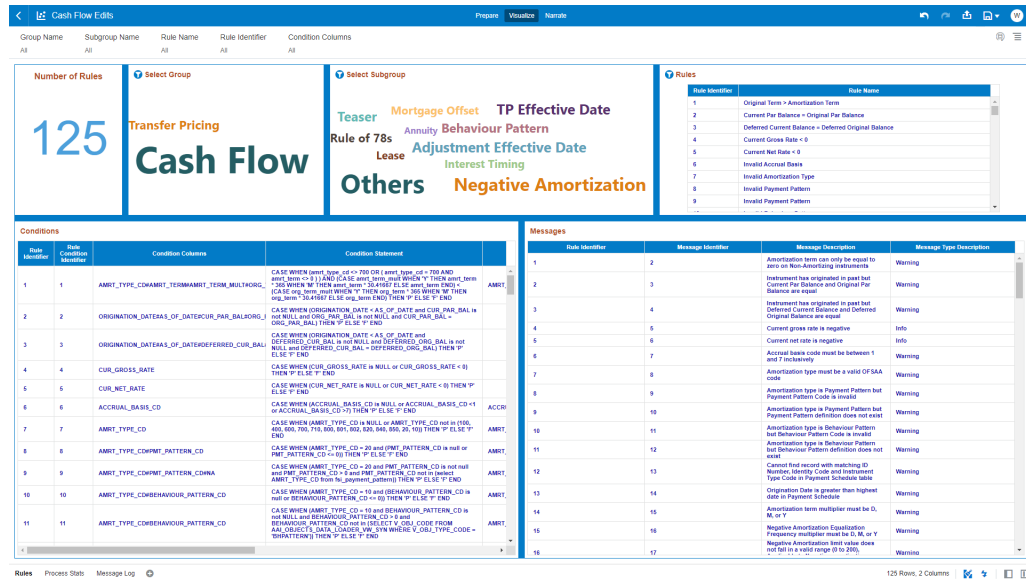
- Rule Identifier
 - Rule Condition Identifier
 - Condition Columns
 - Condition Statements
- **Messages**

The chart reports the list of log messages defined for within the Application.

The columns displayed in the chart are the following:

 - Rule Identifier
 - Message Identifier
 - Message Description
 - Message Type Description

Figure 7-8 “Rules” Report



7.1.4 Process Stats

The “Process Stats” Report provides a view of the available statistics related to the execution of the Cash Flow Edits processes. You can use the report to identify the number of errors and the aggregated details for the Cash Flow Edits executed out of the underlying Instrument table account data.

You can use a series of Report Prompts, as previously described, to filter the data according to key attributes pertaining to the underlying Cash Flow Edit messages.

The report displays the underlying data according to the following Chart' logic:

- **Cashflow Edits found**

The chart reports the trend analysis of the Number of Errors for each Cash Flow Edit execution with respect to Processor Execution As of Date and the Message Type received during the executions.

The columns displayed in the chart are the following:

- Processor Execution As of Date (Day)
- Cashflow Edits Process Name
- Execution Run Identifier
- Message Type Description
- Number of Errors

- **Processing Time (in Mins)**

The chart reports the trend analysis of the Processing Time for each Cash Flow Edit execution with respect to Processor Execution As of Date.

The columns displayed in the chart are the following:

- Processor Execution As of Date (Day)
- Cashflow Edits Process Name
- Execution Run Identifier
- Processor Execution Time In Minutes

- **Number of Errors**

The chart reports the trend analysis of the Number of Errors for each Cash Flow Edit execution with respect to Processor Execution As of Date.

The columns displayed in the chart are the following:

- Processor Execution As of Date (Day)
- Cashflow Edits Process Name
- Execution Run Identifier
- Number of Errors

- **Number of Errors by Source Table Name**

The chart reports the trend analysis of the Number of Errors for each Cash Flow Edit execution with respect to Processor Execution As of Date and the Source Table Name where the errors have been identified.

The columns displayed in the chart are the following:

- Processor Execution As of Date (Day)
- Cashflow Edits Process Name
- Execution Run Identifier
- Source Table Name
- Message Type Description
- Number of Errors

- **Number of Errors by Rule Groups**

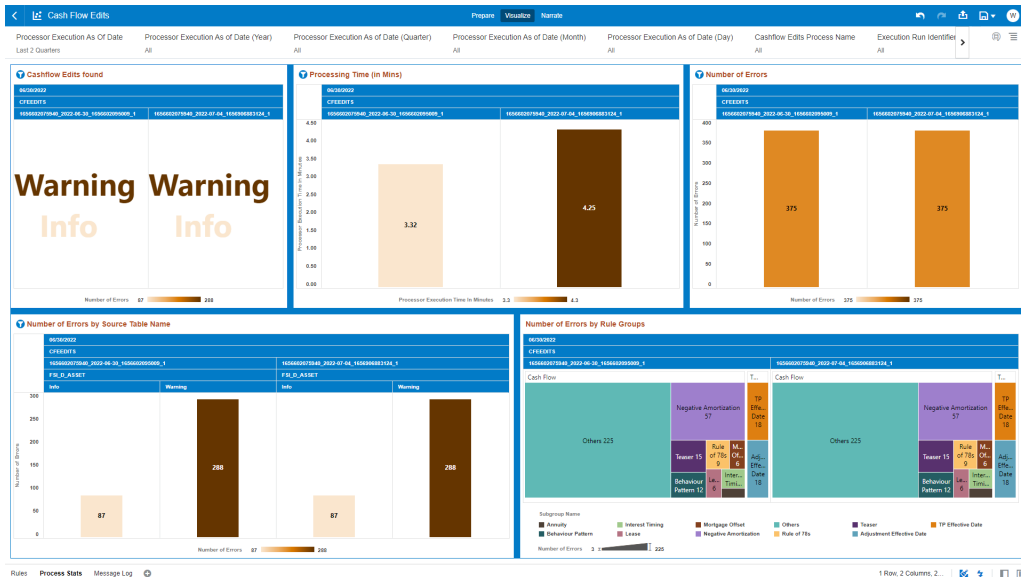
The chart reports the trend analysis of the Number of Errors for each Cash Flow Edit execution with respect to Processor Execution As of Date and the Rule Group/Subgroup.

The columns displayed in the chart are the following:

- Processor Execution As of Date (Day)

- Cashflow Edits Process Name
- Execution Run Identifier
- Group Name
- Subgroup Name
- Number of Errors

Figure 7-9 “Process Stats” Report



7.1.5 Message Log

The “Message Log” Report provides a view of the underlying Cash Flow Edits messages retrieved during the Cash Flow Edit Process execution, and the available granularity is at Customer Accounts level.

You can use a series of Report Prompts, as previously described, to filter the data according to key attributes pertaining to the underlying Cash Flow Edit messages.

The report displays the underlying data according to the following Chart’ logic:

- Message Log

The tabular report displays all the message details related to the execution of the Cash Flow Edit process, including information related to the Customer Account details.

Following the granular elements available for this table chart:

- "Cashflow Edits Process Name", "Processor Execution As of Date (Day)", "Execution Run Identifier", "Account Number", "Source Table Name", "Rule Name" and "Message Description".

Figure 7-10 “Message Log” Report

Cashflow Edits Process Name						
Processor Execution As of Date (Day)						
Cashflow Edits Process Name						
Execution Run Identifier						
Account Number						
Message Log						
Cashflow Edits Process Name	Processor Execution As of Date (Day)	Execution Run Identifier	Account Number	Source Table Name	Rule Name	Message Description
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Adjustable Negative Amortization Instrument has Reprice Frequency = 0	Reprice Frequency cannot be zero for Adjustable Negative Amortization instrument
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Adjustable Rate Instrument has Invalid Interest Rate Code	Interest rate code must be valid for adjustable rate instruments
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Adjustable Type is fixed rate for Negative amortization instrument	Negative amortization instruments cannot have fixed adjustable type code
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Adjustable Type is not fixed but Reprice Frequency is 0	Repricing frequency and adjustable type code are inconsistent
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Amortization Type / Accrual Basis Error	Accrual basis code cannot have a 30 day month assumption on instruments with payment frequency multistep in days or defined by a payment schedule
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Amortization Type is conventional but interest timing is Advance	Interest type can only be arrears for conventionally amortizing investments.
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Amortization type is Rule of 72's but Adjustable Type is not fixed	Rule of 72's instrument should only have a fixed adjustable type code.
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Amortization type is Rule of 72's but Reprice Frequency is not 0	Rule of 72's instruments are implicitly fixed rate.
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Balance on Last Reprice Date = 0	The balance as of the last repricing date cannot be equal to 0
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Behavior Type Code is Null	Behavior Type Code is Null, defaulted to 1 (Non-Mortgage)
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Calculated Offset Balance > Current Par Balance	Calculated Offset Balance is higher than Current Par Balance
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Current Gross Rate < 0	Current gross rate is negative
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Current Net Rate < 0	Current net rate is negative
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Current Par Balance = 0	Instruments with Current Par Balance zero are not processed.
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Current Par Balance = Original Par Balance	Current payment and current par balance can not have opposite signs
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Current Payment and Current Par Balance have opposite signs	Current payment is greater than the maximum payment amount. Applicable to negative amortization instruments only.
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Current Payment is greater than Life Pay Cap	Current payment is less than the minimum payment amount. Applicable to negative amortization instruments only.
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Current Payment is less than Life Pay Floor	Current payment is less than the minimum payment amount. Applicable to negative amortization instruments only.
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Deferred Current Balance = Deferred Original Balance	Instrument has originated in past but Deferred Current Balance and Deferred Original Balance are equal
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Holiday calendar not given for B/252 actual basis	Holiday calendar must be given when using Business/252 actual basis
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Interest Payment Freq > Original Term	Interest Payment Frequency cannot be greater than original term
CFEEDITS	06/30/2022	1656602075940_2022-06-30_1656602095009_1	516_TC033_PRRCONV_ADJ_A1365_ADV_SC4_0MMH_2/N716	FS_D_ASSET	Interest Payment Frequency <= 0	Interest Payment Frequency is less than or equal to zero, and both maturity date and origination date are valid dates and can be used to

8

Processed Data Insights

To access the Processed Data Insights Reports, select Analytics from the LHS Menu, and then select Processed Data Insights.

8.1 Cash Flow Output

The Cash Flow Output allows you to get insight into projected cash inflows and outflows of your Balance Sheet.

The Cash Flow Output is arranged as a set of reports catering to analysis of the following categories:

- “Process Stats”
- “Runoff by KPDs”
- “Balances by KPDs”
- “Rates by KPDs”
- “Process Results Details”

8.1.1 Common filters

You can use a series of Report Prompts to filter the data according to Functional Key Attributes as described below:

Figure 8-1 Canvas Prompt Filters for Time Dimension



- As of Date: The Execution Period for the output results. You can use this filter to isolate a selected timeframe for the analysis. The following screenshot displays the possible options that this filter provides against the Time Dimension.

Figure 8-2 As of Date Selection

As of Date

Last 1 Quarter

Relative Time

TypeLast

Increment1

Time LevelQuarter

Relative To

Year

☒ Quarter

MonthWeekDay

- Additional Filters for the Time Dimension as follows:
 - As of Date (Day)

Figure 8-3 Canvas Prompt Filters for Cashflow Output Process execution data

Number of Cashflow Projection in Years Cash Flow Date Cashflow Process Name Execution Run Identifier Scenario Name Currency Name
Full Range Full Range All All All All

- Number of Cashflow Projection in Years: You can use this filter to select a specific Cashflow Projection period to be applied to the Cashflow Output Process execution data; i.e. for next two years of Cashflow Projection you can apply the following selection

Figure 8-4 Number of Cashflow Projection in Years

Number of Cashflow Projection in Years

0 - 2

Range

Start

0

Min

End

2

Max

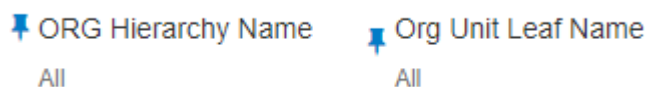
- **Cash Flow Date:** You can use this filter to select a specific Cashflow Date to be applied to the Cashflow Output Process execution data
- **Cashflow Process Name:** You can use this filter to select a specific Cashflow Process Name to be applied to the Cashflow Output Process execution data
- **Execution Run Identifier:** You can use this filter to select a specific Execution Run Identifier to be applied to the Cashflow Output Process execution data
- **Scenario Name:** You can use this filter to select a specific Scenario Name to be applied to the Cashflow Output Process execution data
- **Currency Name:** You can use this filter to select a specific Currency Name to be applied to the Cashflow Output Process execution data

Figure 8-5 Canvas Prompt Filters for Legal Entity key processing dimension



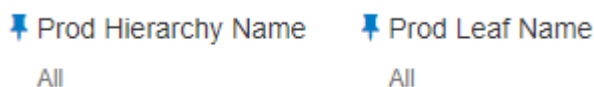
- **LE Hierarchy Name:** N.B. this is a mandatory filter for the group filtering on Legal Entity key processing dimension.
As the Application supports the creation of multiple hierarchies for the same Dimension of analysis, and to avoid displaying results from multiple Dimension Hierarchies at the same time, a mandatory driver to select “LE Hierarchy Name” must be selected with only a single value simultaneously.
- **Legal Entity Leaf Name:** You can use this filter to select the Legal Entity Leaf Name that is related to the Cashflow Output Process execution data.

Figure 8-6 Canvas Prompt Filters for Org Unit key processing dimension



- **Org Hierarchy Name:** N.B. this is a mandatory filter for the group filtering on Org Unit key processing dimension.
As the Application supports the creation of multiple hierarchies for the same Dimension of analysis, and to avoid displaying results from multiple Dimension Hierarchies at the same time, a mandatory driver to select “Org Hierarchy Name” must be selected with only a single value simultaneously.
- **Org Unit Leaf Name:** You can use this filter to select the Org Unit Leaf Name that is related to the Cashflow Output Process execution data.

Figure 8-7 Canvas Prompt Filters for Product key processing dimension

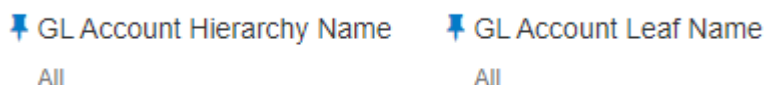


- **Prod Hierarchy Name:** N.B. this is a mandatory filter for the group filtering on Product key processing dimension.

As the Application supports the creation of multiple hierarchies for the same Dimension of analysis, and to avoid displaying results from multiple Dimension Hierarchies at the same time, a mandatory driver to select “Prod Hierarchy Name” must be selected with only a single value simultaneously.

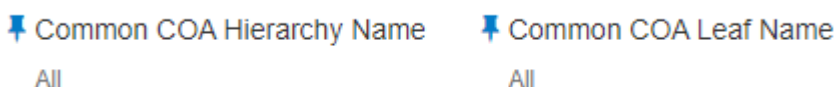
- Prod Leaf Name: You can use this filter to select the Prod Leaf Name that is related to the Cashflow Output Process execution data.

Figure 8-8 Canvas Prompt Filters for GL Account key processing dimension



- GL Account Hierarchy Name: N.B. this is a mandatory filter for the group filtering on GL Account key processing dimension.
As the Application supports the creation of multiple hierarchies for the same Dimension of analysis, and to avoid displaying results from multiple Dimension Hierarchies at the same time, a mandatory driver to select “GL Account Hierarchy Name” must be selected with only a single value simultaneously.
- GL Account Leaf Name: You can use this filter to select the GL Account Leaf Name that is related to the Cashflow Output Process execution data.

Figure 8-9 Canvas Prompt Filters for Common COA key processing dimension



- Common COA Hierarchy Name: N.B. this is a mandatory filter for the group filtering on Common COA key processing dimension.
As the Application supports the creation of multiple hierarchies for the same Dimension of analysis, and to avoid displaying results from multiple Dimension Hierarchies at the same time, a mandatory driver to select “Common COA Hierarchy Name” must be selected with only a single value simultaneously.
- Common COA Leaf Name: You can use this filter to select the Common COA Leaf Name that is related to the Cashflow Output Process execution data.

8.1.2 Report Hierarchies

The Report provides you with the roll-up and drill down capability on the Cashflow Output Process execution data, leveraging the available levels for the following Hierarchies:

- Org Unit Entity Hierarchy
- Product Hierarchy
- GL Account Hierarchy
- Common COA Hierarchy

Following screenshot displays the available selections for the aforementioned hierarchies.

Figure 8-10 Cashflow Output key processing dimension hierarchies

Select Org Unit Hierarchy	Select Product Hierarchy	Select GL Account Hierarchy	Select COA Hierarchy
Org Unit Name Level 1	Product Name Level 1	GL Account Name Level 1	Common COA Level 1 Name
Org Unit Name Level 2	Product Name Level 2	GL Account Name Level 2	Common COA Level 2 Name
Org Unit Name Level 3	Product Name Level 3	GL Account Name Level 3	Common COA Level 3 Name
Org Unit Leaf Name	Product Leaf Name	GL Account Leaf Name	Common COA Leaf Name

8.1.3 In canvas Variable Prompts

- Select Runoff measurement: This is the variable prompt to select the desired Runoff measurement to be applied to the "Runoff by KPDs" report canvas charts. The following elements are available for selection:
 - "Accrued Interest Gross (Without Offset)", "Accrued Interest Net (Without Offset)", "Accumulated Devolved Amount", "Accumulated Gross Interest Amount", "Accumulated Net Interest Amount", "Average Deferred Balance", "Call Option Runoff Amount", "Deferred Runoff", "Devolvement Runoff", "First Reset Cap Effect - Amount", "Gross Accrued Interest Amount", "Gross Interest Cash Flow (Without Offset)", "Gross Interest Cash Flow Amount", "Inflation Adjustment to Interest", "Inflation Adjustment to Principal", "Interest Capitalized", "Life Cap Effect - Amount", "Maturity Run Off", "MOA Prepay Runoff", "Net Accrued Interest Amount", "Net Interest Cash Flow (Without Offset)", "Net Interest Cash Flow Amount", "Non Interest Expense", "Non Interest Income", "Non Maturity - Core Runoff", "Non Maturity - Volatile Runoff", "Non Performing Asset Runoff", "Option Exercise Gain Loss", "Option Exercise Market Value", "Period Cap Effect - Amount", "Prepayment Runoff", "Present Value of Interest", "Present Value of Principal", "Present Value of Principal and Interest", "Principal Cash Flow Amount", "Put Option Runoff Amount", "Recovery Runoff", "Tease Effect - Amount", "Total Notional Runoff", "Total Principal Runoff" and "Writeoff Amount".

Figure 8-11 “Select Runoff measurement” list

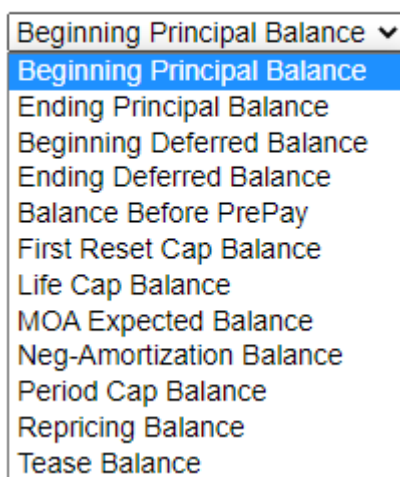
Select Runoff measurement

Accrued Interest Gross (Without Offset)	▼
Accrued Interest Gross (Without Offset)	▲
Accrued Interest Net (Without Offset)	
Accumulated Devolved Amount	
Accumulated Gross Interest Amount	
Accumulated Net Interest Amount	
Average Deferred Balance	
Call Option Runoff Amount	
Deferred Runoff	
Devolvement Runoff	
First Reset Cap Effect - Amount	
Gross Accrued Interest Amount	
Gross Interest Cash Flow (Without Offset)	
Gross Interest Cash Flow Amount	
Inflation Adjustment to Interest	
Inflation Adjustment to Principal	
Interest Capitalized	
Life Cap Effect - Amount	
Maturity Run Off	
MOA Prepay Runoff	
Net Accrued Interest Amount	
Net Interest Cash Flow (Without Offset)	
Net Interest Cash Flow Amount	
Non Interest Expense	
Non Interest Income	
Non Maturity - Core Runoff	
Non Maturity - Volatile Runoff	
Non Performing Asset Runoff	
Option Exercise Gain Loss	
Option Exercise Market Value	
Period Cap Effect - Amount	
Prepayment Runoff	
Present Value of Interest	
Present Value of Principal	
Present Value of Principal and Interest	
Principal Cash Flow Amount	
Put Option Runoff Amount	
Recovery Runoff	
Tease Effect - Amount	
Total Notional Runoff	
Total Principal Runoff	
Writeoff Amount	▼

- Select Balance measurement: This is the variable prompt to select the desired Balance measurement to be applied to the “Balances by KPDs” report canvas charts. The following elements are available for selection:
 - “Beginning Principal Balance”, “Ending Principal Balance”, “Beginning Deferred Balance”, “Ending Deferred Balance”, “Balance Before PrePay”, “First Reset Cap Balance”, “Life Cap Balance”, “MOA Expected Balance”, “Neg-Amortization Balance”, “Period Cap Balance”, “Repricing Balance” and “Tease Balance”.

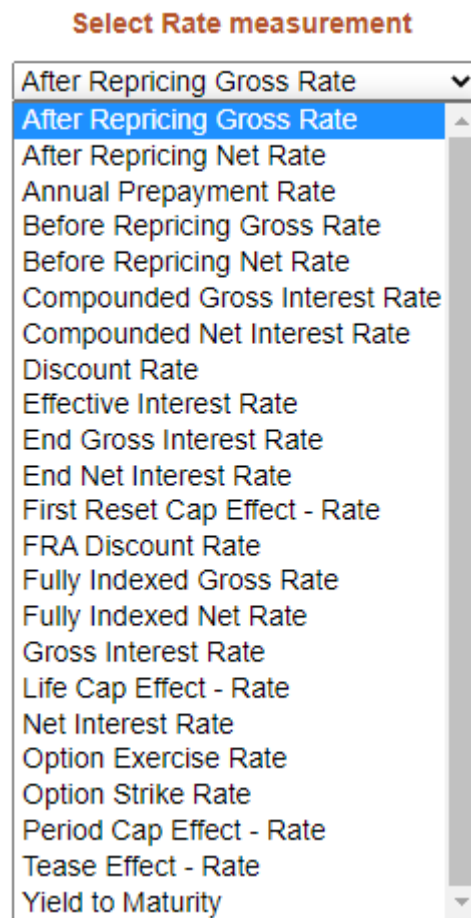
Figure 8-12 “Select Balance measurement” list

Select Balance measurement



- Select Rate measurement: This is the variable prompt to select the desired Rate measurement to be applied to the “Rates by KPDs” report canvas charts. The following elements are available for selection:
 - “After Repricing Gross Rate”, “After Repricing Net Rate”, “Annual Prepayment Rate”, “Before Repricing Gross Rate”, “Before Repricing Net Rate”, “Compounded Gross Interest Rate”, “Compounded Net Interest Rate”, “Discount Rate”, “Effective Interest Rate”, “End Gross Interest Rate”, “End Net Interest Rate”, “First Reset Cap Effect - Rate”, “FRA Discount Rate”, “Fully Indexed Gross Rate”, “Fully Indexed Net Rate”, “Gross Interest Rate”, “Inflation Index Factor”, “Life Cap Effect - Rate”, “Net Interest Rate”, “Option Exercise Rate”, “Option Strike Rate”, “Period Cap Effect - Rate”, “Tease Effect - Rate” and “Yield to Maturity”.

Figure 8-13 “Select Rate measurement” list



8.1.4 Report Data Action

The Data Actions provide the capability to perform drill down analysis across the downstream report canvases. The drill down is enabled via a data action.

From every report canvas charts, you can select a combination of values, and then perform the navigation to the “Process Results Details” report canvas.

In order to do so, with a right click on the chart selection, the data action options will appear for you to be able to navigate further as described in the following mapping:

- **Navigate to Process Results Details** – the Data Action will be drilling through the “Process Results Details” canvas.

The following screenshots show the Data Action list as well as the navigation options that appears once you right click on the desired selection.

Figure 8-14 Data Action configuration

Data Actions

Actions

▲

Navigate to Process Results Details

Name

Navigate to Process Results Det

Type

Analytics Link

Anchor To

Select Data

Target

This Project

Canvas Link

Process Results Details

Pass Values

All

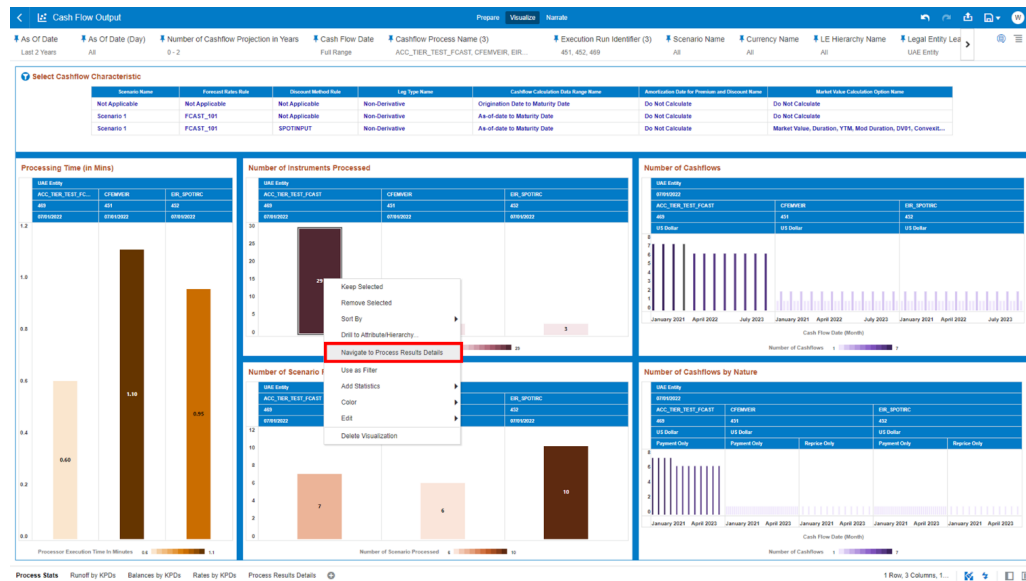
Supports Multiple Selection

On

Cancel

OK

Figure 8-15 Data Action for Drill down with report Canvases



8.1.5 Process Stats

The “Process Stats” Report provides a view of the available statistics related to the execution of the Cash Flow Output processes. You can use the report to identify the process statistics related to the processing time, the number of cashflow generated as well as the number of instruments and scenarios processed.

You can use a series of Report Prompts, as previously described, to filter the data according to key attributes pertaining to the underlying Cash Flow Output results.

The report displays the underlying data according to the following Chart' logic:

- **Select Cashflow Characteristic** The chart provides you with a selection capability on the desired Cashflow characteristics utilized by the Cashflow Output processes.

The columns displayed in the chart are the following:

- Scenario Name
- Forecast Rates Rule
- Discount Method Rule
- Leg Type Name
- Cashflow Calculation Data Range Name
- Amortization Date for Premium and Discount Name
- Market Value Calculation Option Name

- **Processing Time (in Mins)** The chart reports the trend analysis of the Processing Time for each Cash Flow Output execution with respect to As of Date.

The columns displayed in the chart are the following:

- Legal Entity Leaf Name
- Cashflow Process Name

- Execution Run Identifier
- As Of Date (Day)
- Processor Execution Time In Minutes
- **Number of Instruments Processed** The chart reports the trend analysis of the Number of Instruments Processed for each Cash Flow Output execution with respect to As of Date.

The columns displayed in the chart are the following:

- Legal Entity Leaf Name
 - Cashflow Process Name
 - Execution Run Identifier
 - As Of Date (Day)
 - Number of Instruments Processed
 - **Number of Cashflows**
- The chart reports the trend analysis of the Number of Cashflows generated for each Cash Flow Output execution with respect to As of Date and Cash Flow Date (Month).

The columns displayed in the chart are the following:

- Legal Entity Leaf Name
 - As Of Date (Day)
 - Cashflow Process Name
 - Execution Run Identifier
 - Currency Name
 - Cash Flow Date (Month)
 - Number of Cashflows
 - **Number of Scenario Processed**
- The chart reports the trend analysis of the Number of Scenario processed for each Cash Flow Output execution with respect to As of Date.

The columns displayed in the chart are the following:

- Legal Entity Leaf Name
- Cashflow Process Name
- Execution Run Identifier
- As Of Date (Day)
- Number of Scenario Processed

- **Number of Cashflows by Nature**

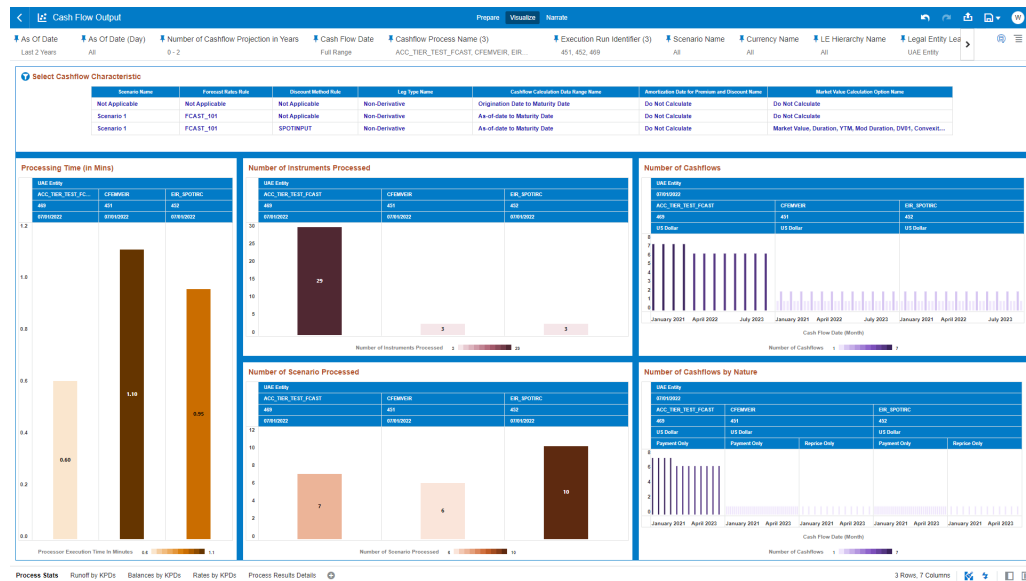
The chart reports the trend analysis of the Number of Cashflows generated for each Cash Flow Output execution with respect to As of Date, Cash Flow Date (Month) and Cash Flow Nature (“Cashflow Code Name”).

The columns displayed in the chart are the following:

- Legal Entity Leaf Name
- As Of Date (Day)

- Cashflow Process Name
- Execution Run Identifier
- Currency Name
- Cashflow Code Name
- Cash Flow Date (Month)
- Number of Cashflows

Figure 8-16 “Process Stats” Report



8.1.6 Runoff by KPDs

The “Runoff by KPDs” Report provides the Cash Flow Output processes results related to the Runoff measurements, you can drill down and roll up the results across hierarchies for the Key Processing Dimensions of Org Unit, Product, GL Account and Common COA.

You can use a series of Report Prompts, as previously described, to filter the data according to key attributes pertaining to the underlying Cash Flow Output results.

The report displays the underlying data according to the following Chart¹ logic:

- **Select Runoff measurement**The chart provides you with a selection capability on the desired Cashflow Runoff measurement.
- **Select Org Unit Hierarchy**The chart provides you with a selection capability for the desired Org Unit Hierarchical level.
- **Select Product Hierarchy**The chart provides you with a selection capability for the desired Product Hierarchical level.
- **Select GL Account Hierarchy**The chart provides you with a selection capability for the desired GL Account Hierarchical level.

- **Select COA Hierarchy**The chart provides you with a selection capability for the desired Common COA Hierarchical level.
- **Selected Runoff Measure by Org Unit**The chart reports the generated Cashflow output Runoff Measure by Org Unit for each Cash Flow Output execution with respect to As of Date and Cash Flow Date (Month).

The columns displayed in the chart are the following:

- Legal Entity Leaf Name
- Cashflow Process Name
- Execution Run Identifier
- As Of Date (Day)
- Currency Name
- Org Unit Hierarchy
- Cash Flow Date (Month)
- Runoff Measure

- **Selected Runoff Measure by Product**The chart reports the generated Cashflow output Runoff Measure by Product for each Cash Flow Output execution with respect to As of Date and Cash Flow Date (Month).

The columns displayed in the chart are the following:

- Legal Entity Leaf Name
- Cashflow Process Name
- Execution Run Identifier
- As Of Date (Day)
- Currency Name
- Product Hierarchy
- Cash Flow Date (Month)
- Runoff Measure

- **Selected Runoff Measure by GL Account**

The chart reports the generated Cashflow output Runoff Measure by GL Account for each Cash Flow Output execution with respect to As of Date and Cash Flow Date (Month).

The columns displayed in the chart are the following:

- Legal Entity Leaf Name
- Cashflow Process Name
- Execution Run Identifier
- As Of Date (Day)
- Currency Name
- GL Account Hierarchy
- Cash Flow Date (Month)
- Runoff Measure

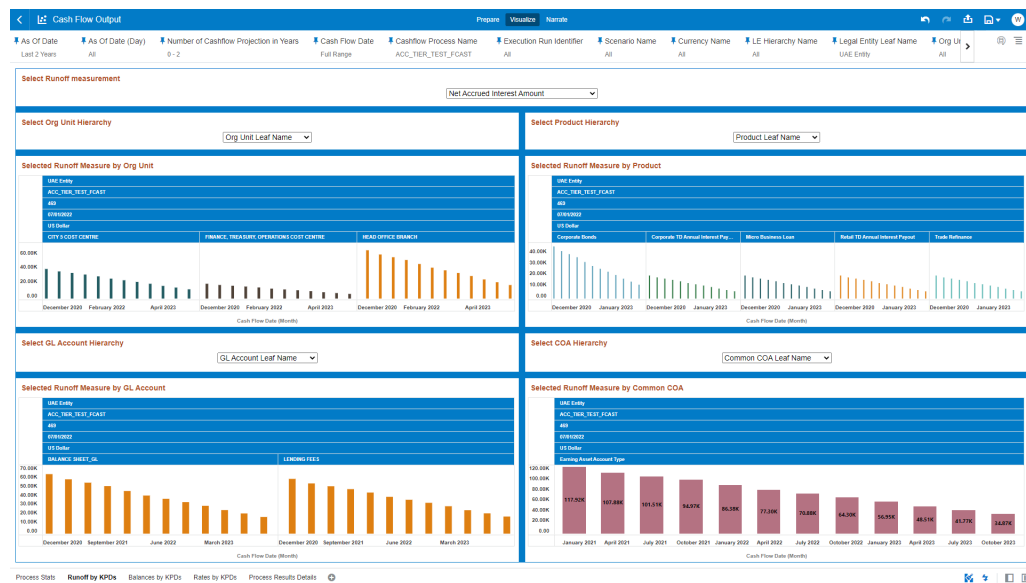
- **Selected Runoff Measure by Common COA**

The chart reports the generated Cashflow output Runoff Measure by Common COA for each Cash Flow Output execution with respect to As of Date and Cash Flow Date (Month).

The columns displayed in the chart are the following:

- Legal Entity Leaf Name
- Cashflow Process Name
- Execution Run Identifier
- As Of Date (Day)
- Currency Name
- COA Hierarchy
- Cash Flow Date (Month)
- Runoff Measure

Figure 8-17 “Runoff by KPDs” Report



8.1.7 Balances by KPDs

The “Balances by KPDs” Report provides the Cash Flow Output processes results related to the Balances measurements, you can drill down and roll up the results across hierarchies for the Key Processing Dimensions of Org Unit, Product, GL Account and Common COA.

You can use a series of Report Prompts, as previously described, to filter the data according to key attributes pertaining to the underlying Cash Flow Output results.

The report displays the underlying data according to the following Chart' logic:

- **Select Balance measurement** The chart provides you with a selection capability on the desired Cashflow Balance measurement.

- **Select Org Unit Hierarchy**The chart provides you with a selection capability for the desired Org Unit Hierarchical level.
- **Select Product Hierarchy**The chart provides you with a selection capability for the desired Product Hierarchical level.
- **Select GL Account Hierarchy**The chart provides you with a selection capability for the desired GL Account Hierarchical level.
- **Select COA Hierarchy**The chart provides you with a selection capability for the desired Common COA Hierarchical level.
- **Selected Balance Measure by Org Unit**The chart reports the generated Cashflow output Balance Measure by Org Unit for each Cash Flow Output execution with respect to As of Date and Cash Flow Date (Month).

The columns displayed in the chart are the following:

- Legal Entity Leaf Name
 - Cashflow Process Name
 - Execution Run Identifier
 - As Of Date (Day)
 - Currency Name
 - Org Unit Hierarchy
 - Cash Flow Date (Month)
 - Balance Measure
- **Selected Balance Measure by Product**The chart reports the generated Cashflow output Balance Measure by Product for each Cash Flow Output execution with respect to As of Date and Cash Flow Date (Month).

The columns displayed in the chart are the following:

- Legal Entity Leaf Name
- Cashflow Process Name
- Execution Run Identifier
- As Of Date (Day)
- Currency Name
- Product Hierarchy
- Cash Flow Date (Month)
- Balance Measure

- **Selected Balance Measure by GL Account**

The chart reports the generated Cashflow output Balance Measure by GL Account for each Cash Flow Output execution with respect to As of Date and Cash Flow Date (Month).

The columns displayed in the chart are the following:

- Legal Entity Leaf Name
- Cashflow Process Name
- Execution Run Identifier

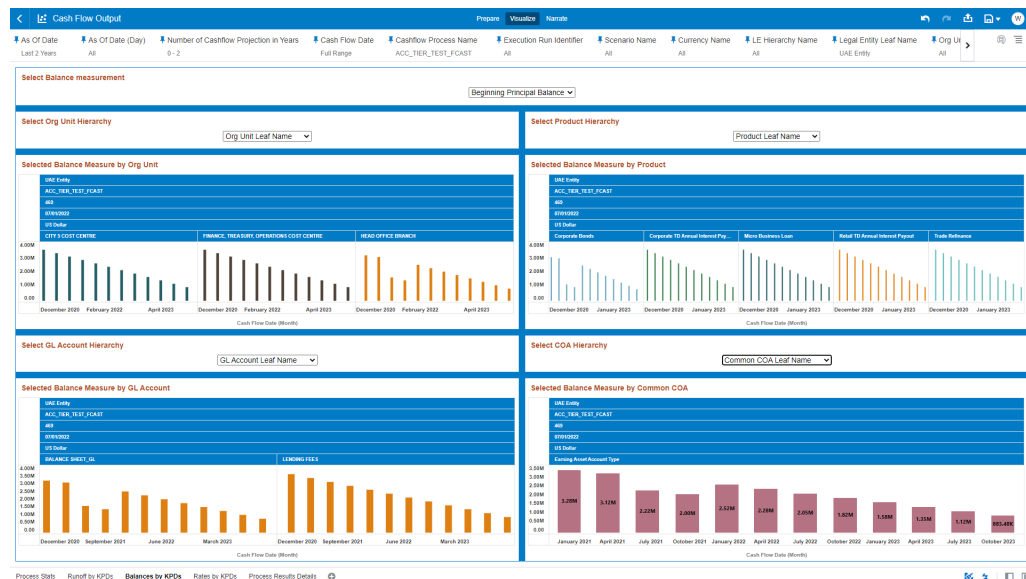
- As Of Date (Day)
- Currency Name
- GL Account Hierarchy
- Cash Flow Date (Month)
- Balance Measure
- **Selected Balance Measure by Common COA**

The chart reports the generated Cashflow output Balance Measure by Common COA for each Cash Flow Output execution with respect to As of Date and Cash Flow Date (Month).

The columns displayed in the chart are the following:

- Legal Entity Leaf Name
- Cashflow Process Name
- Execution Run Identifier
- As Of Date (Day)
- Currency Name
- COA Hierarchy
- Cash Flow Date (Month)
- Balance Measure

Figure 8-18 “Balances by KPDs” Report



8.1.8 Rates by KPDs

The “Rates by KPDs” Report provides the Cash Flow Output processes results related to the Rates measurements, you can drill down and roll up the results across hierarchies for the Key Processing Dimensions of Org Unit, Product, GL Account and Common COA.

You can use a series of Report Prompts, as previously described, to filter the data according to key attributes pertaining to the underlying Cash Flow Output results.

The report displays the underlying data according to the following Chart' logic:

- **Select Rate measurement**The chart provides you with a selection capability on the desired Cashflow Rate measurement.
- **Select Org Unit Hierarchy**The chart provides you with a selection capability for the desired Org Unit Hierarchical level.
- **Select Product Hierarchy**The chart provides you with a selection capability for the desired Product Hierarchical level.
- **Select GL Account Hierarchy**The chart provides you with a selection capability for the desired GL Account Hierarchical level.
- **Select COA Hierarchy**The chart provides you with a selection capability for the desired Common COA Hierarchical level.
- **Selected Rate by Org Unit**The chart reports the generated Cashflow output Rate by Org Unit for each Cash Flow Output execution with respect to As of Date and Cash Flow Date (Month).

The columns displayed in the chart are the following:

- Legal Entity Leaf Name
- Cashflow Process Name
- Execution Run Identifier
- As Of Date (Day)
- Currency Name
- Org Unit Hierarchy
- Cash Flow Date (Month)
- Rate
- **Selected Rate by Product**The chart reports the generated Cashflow output Rate by Product for each Cash Flow Output execution with respect to As of Date and Cash Flow Date (Month).

The columns displayed in the chart are the following:

- Legal Entity Leaf Name
- Cashflow Process Name
- Execution Run Identifier
- As Of Date (Day)
- Currency Name
- Product Hierarchy
- Cash Flow Date (Month)
- Rate
- **Selected Rate by GL Account**
The chart reports the generated Cashflow output Rate by GL Account for each Cash Flow Output execution with respect to As of Date and Cash Flow Date (Month).

The columns displayed in the chart are the following:

- Legal Entity Leaf Name
- Cashflow Process Name
- Execution Run Identifier
- As Of Date (Day)
- Currency Name
- GL Account Hierarchy
- Cash Flow Date (Month)
- Rate

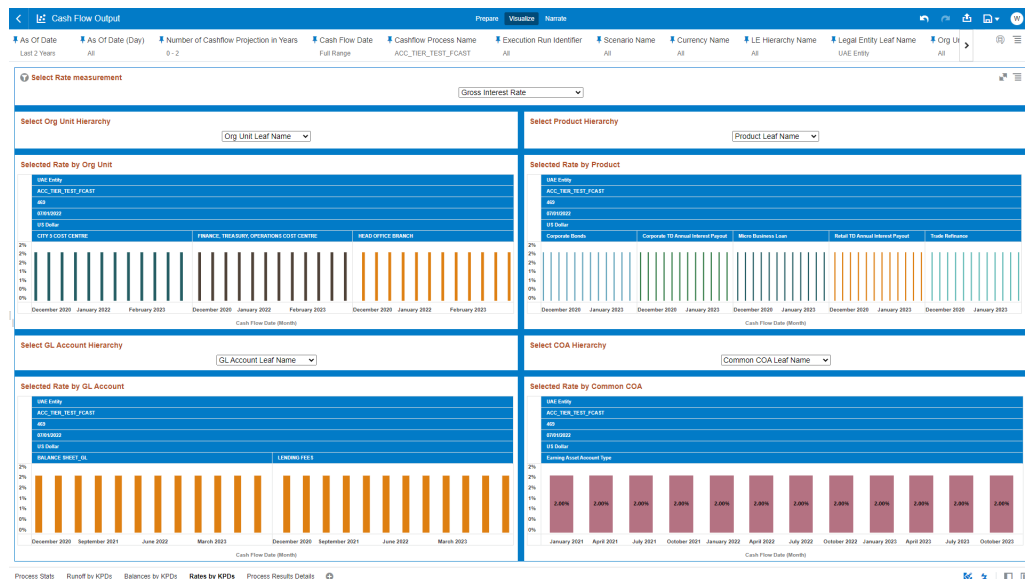
• Selected Rate by Common COA

The chart reports the generated Cashflow output Rate by Common COA for each Cash Flow Output execution with respect to As of Date and Cash Flow Date (Month).

The columns displayed in the chart are the following:

- Legal Entity Leaf Name
- Cashflow Process Name
- Execution Run Identifier
- As Of Date (Day)
- Currency Name
- COA Hierarchy
- Cash Flow Date (Month)
- Rate

Figure 8-19 “Rates by KPDs” Report



8.1.9 Process Results Details

The “Process Results Details” Report provides a view of the underlying Cash Flow Output results generated during the Cash Flow Output Process execution, and the available granularity is at Customer Accounts level.

The report provides the “Account Number” additional filter as shown in the screenshot **“Process Results Details Report – Account Number selection”**.

You can use a series of Report Prompts, as previously described, to filter the data according to key attributes pertaining to the underlying Cash Flow Output results.

The report displays the underlying data according to the following Chart' logic:

- Process Results Details

The tabular report displays all the Cash Flow Output results details related to the execution of the Cash Flow Output process, including information related to the Customer Account details.

Following the granular elements available for this table chart:

- "As Of Date (Day)", "Cash Flow Date (Day)", "Cashflow Process Name", "Execution Run Identifier", "Record Sequence", "Legal Entity Leaf Name", "Common COA Leaf Name", "GL Account Leaf Name", "Org Unit Leaf Name", "Product Leaf Name", "Cashflow Calculation Data Range Name", "Discount Method Rule", "Forecast Rates Rule", "Prepayment Rule", "Model With Gross Rate Indicator", "Payment Pattern Split Identifier", "Rate Set Date (Day)", "Tiered Rate Rank", "Cashflow Code Name", "Scenario Name", "Leg Type Name", "Holiday Calendar Enabled", "Market Value Calculation Indicator", "Amortization Date for Premium and Discount Name", "Source Table Name", "Account Number", "Identity Number", "Currency Code", "Currency Name", "Accrued Interest Gross (Without Offset)", "Accrued Interest Net (Without Offset)", "Accumulated Devolved Amount", "Accumulated Gross Interest Amount", "Accumulated Net Interest Amount", "Average Deferred Balance", "Balance Before PrePay", "Beginning Deferred Balance", "Beginning Principal Balance", "Call Option Runoff Amount", "Deferred Runoff", "Devolvement Runoff", "Ending Deferred Balance", "Ending Principal Balance", "First Reset Cap Balance", "First Reset Cap Effect - Amount", "Gross Accrued Interest Amount", "Gross Interest Cash Flow (Without Offset)", "Gross Interest Cash Flow Amount", "Inflation Adjustment to Interest", "Inflation Adjustment to Principal", "Interest Capitalized", "Life Cap Balance", "Life Cap Effect - Amount", "Maturity Run Off", "MOA Expected Balance", "MOA Prepay Runoff", "Neg-Amortization Balance", "Net Accrued Interest Amount", "Net Interest Cash Flow (Without Offset)", "Net Interest Cash Flow Amount", "Non Interest Expense", "Non Interest Income", "Non Maturity - Core Runoff", "Non Maturity - Volatile Runoff", "Non Performing Asset Runoff", "Option Exercise Gain Loss", "Option Exercise Market Value", "Period Cap Balance", "Period Cap Effect - Amount", "Prepayment Runoff", "Present Value of Interest", "Present Value of Principal", "Present Value of Principal and Interest", "Principal Cash Flow Amount", "Put Option Runoff Amount", "Recovery Runoff", "Repricing Balance", "Tease Balance", "Tease Effect - Amount", "Total Notional Runoff", "Total Principal Runoff", "Writeoff Amount", "After Repricing Gross Rate", "After Repricing Net Rate", "Annual Prepayment Rate", "Before Repricing Gross Rate", "Before Repricing Net Rate", "Compounded Gross Interest Rate", "Compounded Net Interest Rate", "Convexity Value", "Day Count", "Discount Factor", "Discount Factor Term in Years", "Discount Rate", "Discount Rate Lookup Term In Days", "Dollar Duration DV01", "Macaulay Duration", "Effective Interest Rate", "End Gross Interest Rate", "End Net Interest

Rate", "First Reset Cap Effect - Rate", "FRA Discount Factor", "FRA Discount Rate", "Fully Indexed Gross Rate", "Fully Indexed Net Rate", "Gross Interest Rate", "Inflation Index Factor", "Life Cap Effect - Rate", "Modified Duration", "Net Interest Rate", "Option Exercise Rate", "Option Strike Rate", "Period Cap Effect - Rate", "Tease Effect - Rate" and "Yield to Maturity".

Figure 8-20 “Process Results Details” Report

The screenshot displays the 'Process Results Details' report in the Oracle Cash Flow Output application. The report is filtered by 'As Of Date' (Last 2 Years), 'Cash Flow Date' (All), 'Number of Cashflow Projection in Years' (9-2), 'Cash Flow Date' (Full Range), 'Cashflow Process Name' (ACC_TIER_TEST_FCAST), 'Execution Run Identifier' (All), 'Scenario Name' (All), 'Currency Name' (All), 'LE Hierarchy Name' (All), 'Legal Entity Leaf Name' (UAE Entity), and 'Org Unit' (All). The table lists various cash flow processes and their results, including dates, process names, execution identifiers, and record sequences.

Figure 8-21 “Process Results Details” Report – Account Number selection

The screenshot shows the 'Process Results Details' report with the 'Account Number' dropdown menu open. The dropdown menu is located in the top right corner of the report area. It contains a search bar and a list of account numbers: A11_1, A12_1, A13_1, A14_1, A15_1, and A16_1. A red arrow points to the dropdown menu, indicating the 'Account Number selection' process.