

Oracle Financial Services Balance Sheet Planning

Analytics User Guide

Release 8.1.2.0.0

Dec 2021

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ORACLE
Financial Services

OFS Balance Sheet Planning Analytics User Guide

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Document Control

Version Number	Revision Date	Change Log
1.0	Dec 2021	Created the Analytics User Guide for OFS Balance Sheet Planning (OFS BSP) application Release 8.1.2.0.0.

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1 Preface

This section provides information about the Oracle Financial Services Balance Sheet Planning Application Pack's (OFS BSP Pack) Analytics User Guide.

Topics:

- [Audience](#)
- [Access to Oracle Support](#)
- [Related Information Sources](#)
- [Additional Documents to Read](#)
- [Conventions](#)
- [Abbreviations](#)

1.1 Audience

Oracle Financial Services Balance Sheet Planning Application Pack's (OFS BSP Pack) Analytics User Guide describes the features and functions of BSP's Analytics is intended for the use of Planning Administrators and Planning Users and also BSP BI Reporting Analysts and Administrators.

1.2 Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For more information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> OR visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

1.3 Related Information Sources

This section identifies additional documents related to the OFS BSP Application Pack. You can access the following documents online from the Oracle Help Center (OHC) Documentation Library for OFS BSP Application Pack Release 8.1.2.0.0:

- [OFS Balance Sheet Planning Release Notes, Release 8.1.2.0.0](#)
- [OFS Balance Sheet Planning Application Pack Installation and Configuration Guide, Release 8.1.2.0.0](#)
- [OFS Balance Sheet Planning System Administrator User Guide, Release 8.1.2.0.0](#)
- [OFS Balance Sheet Planning-Planning Administrator and Planning Analyst User Guide, Release 8.1.2.0.0](#)
- [OFS Balance Sheet Planning Cloning Reference Guide Release 8.1.x](#)
- [OFS Balance Sheet Planning Security Guide Release 8.1.x](#)

1.4 Additional Documents to Read

Oracle Financial Services Balance Sheet Planning Application is built on the Oracle Financial Services Advanced Analytical Applications Infrastructure (OFS AAI). See the following OFS AAI Documents as no separate documents are required at the pack or application level for Oracle Financial Services Balance Sheet Planning Application Pack:

- [OFS Analytical Applications Infrastructure \(OFS AAI\) Application Pack Installation and Configuration Guide Release 8.1.2.0.0](#)
- [OFS Analytical Applications Infrastructure Administration Guide Release 8.1.x](#)
- [OFS Analytical Applications Infrastructure Cloning Reference Guide Release 8.1.x](#)
- [OFS Analytical Applications Infrastructure Security Guide Release 8.1.x](#)
- [OFS Analytical Applications Infrastructure User Guide Release 8.1.2.0.0](#)

You can access the common document from the OHC Documentation Library:

- [OFS Analytical Applications 8.1.2.0.0 Technology Matrix](#)
- [OFS Data Model Utilities Guide](#)
- [OFS Cash Flow Engine Reference Guide](#)

1.5 Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, file names, text that appears on the screen, or text that you enter.
Hyperlink	Hyperlink type indicates the links to external websites, internal document links to sections.

1.6 Abbreviations

The following table lists the abbreviations used in this document:

Abbreviation	Meaning
AIX	Advanced Interactive eXecutive
BDP	Big Data Processing
DBA	Database Administrator

Abbreviation	Meaning
DDL	Data Definition Language
DEFQ	Data Entry Forms and Queries
DML	Data Manipulation Language
EAR	Enterprise Archive
EJB	Enterprise JavaBean
EPBCS	Enterprise Planning and Budgeting Cloud Service
ERM	Enterprise Resource Management
FTP	File Transfer Protocol
HDFS	Hadoop Distributed File System
HTTPS	Hypertext Transfer Protocol Secure
J2C	J2EE Connector
J2EE	Java 2 Enterprise Edition
JCE	Java Cryptography Extension
JDBC	Java Database Connectivity
JDK	Java Development Kit
JNDI	Java Naming and Directory Interface
JRE	Java Runtime Environment
JVM	Java Virtual Machine
LDAP	Lightweight Directory Access Protocol
LHS	Left Hand Side
MFA	Multi-Factor Authentication
MOS	My Oracle Support
OFSA	Oracle Financial Services Analytical Applications
OFSAI	Oracle Financial Services Analytical Application Infrastructure
OFSAAI	Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack
OHC	Oracle Help Center
OLAP	On-Line Analytical Processing
OLH	Oracle Loader for Hadoop
ORAAH	Oracle R Advanced Analytics for Hadoop
OS	Operating System
RAM	Random Access Memory
RDBMS	Relational Database Management System
RHEL	Red Hat Enterprise Linux

Abbreviation	Meaning
SFTP	Secure File Transfer Protocol
SID	System Identifier
SSL	Secure Sockets Layer
TNS	Transparent Network Substrate
URL	Uniform Resource Locator
VM	Virtual Machine
WAR	Web Archive
XML	Extensible Markup Language

1.7 What is New in this Release?

The following new features are introduced as part of this release:

1. **Node Level Assumptions:** A redesigned Cash Flow Edits is available to check the quality of input data and cleanse it. In addition to a fresh User Interface, rules have been categorized into multiple groups/sub-groups. Users can select one or more groups/sub-group to execute on the selected date. A fresh installation of BSP 8.1.2.0.0 will have only the new Cash Flow Edits.
2. **BSP BI Reports:** BSP BI Reports is aimed to replace BSP In-app Java reports with BI Data Visualization capability. The existing 5 Reporting categories is migrated with Out of Box which was prevailing in the earlier version, in addition the new BSP BI Reports provides Hierarchy Level Reporting (that is Legal Entity, Planning Center & Product level) which will facilitate results to roll up at the Node Level for DV Reports which can be accessed across all groups).

For more information, see the remaining chapters in the guide.

3. **Non-Maturity Products Modeling:** Helps to create a model that can calculate Core/Volatile Balance for Non-Maturity Products portfolio; based on Historical End of Period Balances available from these products. You can define Non-Maturity Behavior Patterns based on model outputs like how much is core, how long core will be available based on the Decay Rate Profile generated by the model. These in-built PYTHON Models can help you manage, funds available from Non-Maturity Products more precisely to enhance your profitability.

For more information, see the Non-Maturity Products Data Creation Process and Non-Maturity Products Model Analysis Chapters in the [OFS Balance Sheet Planning System Administrator User Guide, Release 8.1.2.0.0](#).

4. **Enhanced Cash Flow Edits:** A redesigned Cash Flow Edits is available to check the quality of input data and cleanse it. In addition to a fresh User Interface, rules have been categorized into multiple groups/sub-groups. Users can select one or more groups/sub-group to execute on the selected date. For a customer upgrading from prior release of BSP, both old and new Cash Flow Edits are available to maintain continuity. A fresh installation of BSP 8.1.2.0.0 will, however, have only the new Cash Flow Edits.

For more information, see Cash Flow Edits Chapter in the [OFS Balance Sheet Planning System Administrator User Guide, Release 8.1.2.0.0](#).

2 Data Visualization Project

Data Visualization provides a quick and effective way to communicate information in a universal manner using visual information. The practice can also help businesses identify which factors affect Customer Behavior, pinpoint areas that need to be improved or need more attention make data more memorable for stakeholders, understand when and where to place specific products, and predict sales volumes.

This technology and its vision have been embraced by the BSP BI Reports to support the above End-User journey.

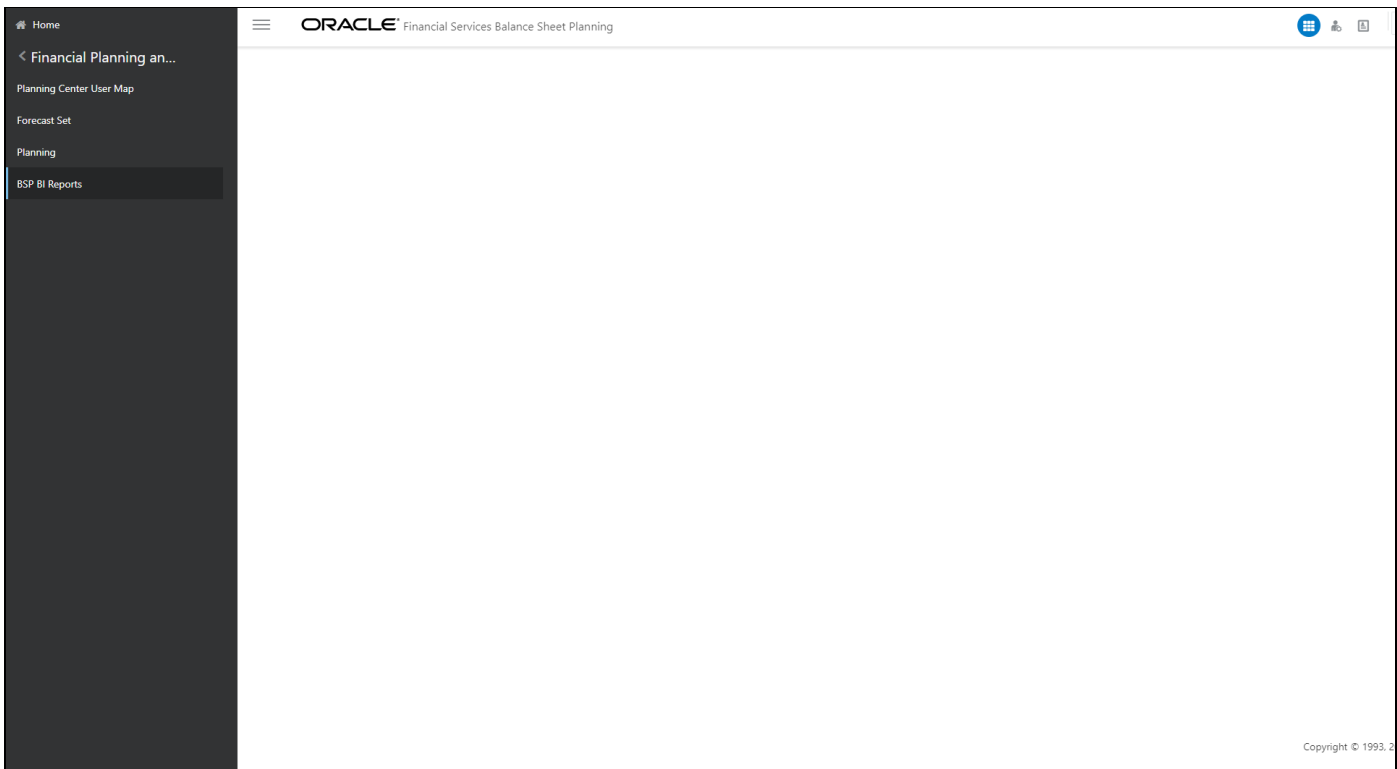
2.1 Access BSP BI Report

This section covers the description to access the BSP BI Reports.

2.1.1 BSP BI Report Link from LHS

To access the BSP BI Reports, from the LHS Menu, select BSP BI Reports after you log in with your User Credentials.

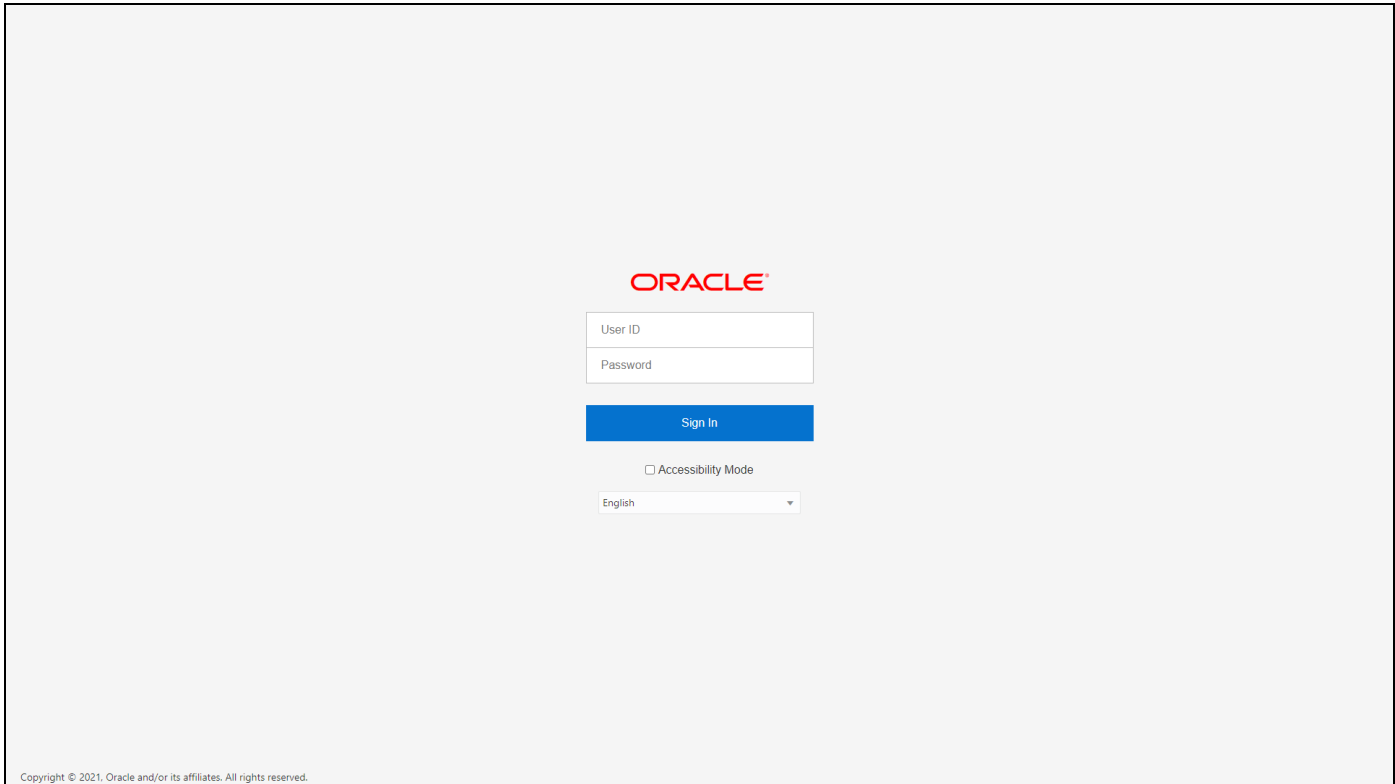
Figure 1: BSP BI Menu



2.2 Logging in to the BSP BI Page

After you open the LHS link from the previous step, you will be redirected to login into the BSP BI Report Page. Use your credentials to access the BI Reports.

Figure 2: BSP BI Login Screen



The screenshot displays the Oracle BSP BI Login Screen. At the top center is the Oracle logo in red. Below it are two input fields: 'User ID' and 'Password'. A blue 'Sign In' button is positioned below the password field. Underneath the button is a checkbox labeled 'Accessibility Mode'. At the bottom is a language dropdown menu currently set to 'English'. A copyright notice is visible in the bottom left corner of the screen area.

ORACLE

User ID

Password

Sign In

☐ Accessibility Mode

English

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3 BSP BI Report UI

This section describes the operation capabilities with BSP BI Reporting using UI.

3.1 Refresh BSP BI Report Data source

Following are the steps to refresh BSP BI Report Datasets.

For example, after a new execution of a Forecast Set has happened or after a new Hierarchical Dimension has been configured.

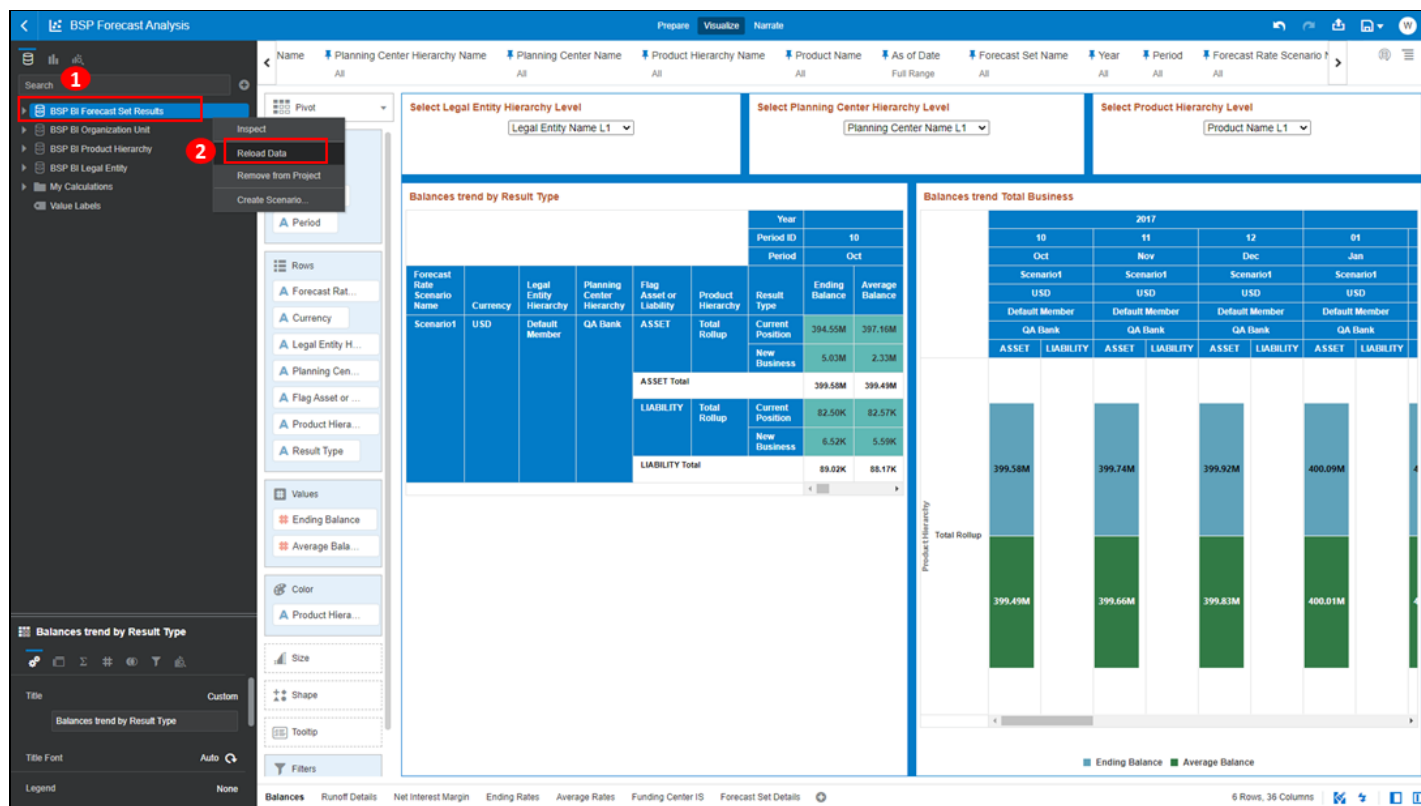
The Datasets to be refreshed are the following:

- BSP BI Forecast Set Results
- BSP BI Organization Unit
- BSP BI Product Hierarchy
- BSP BI Legal Entity

To refresh the BSP BI Forecast Set Results Dataset, follow these steps:

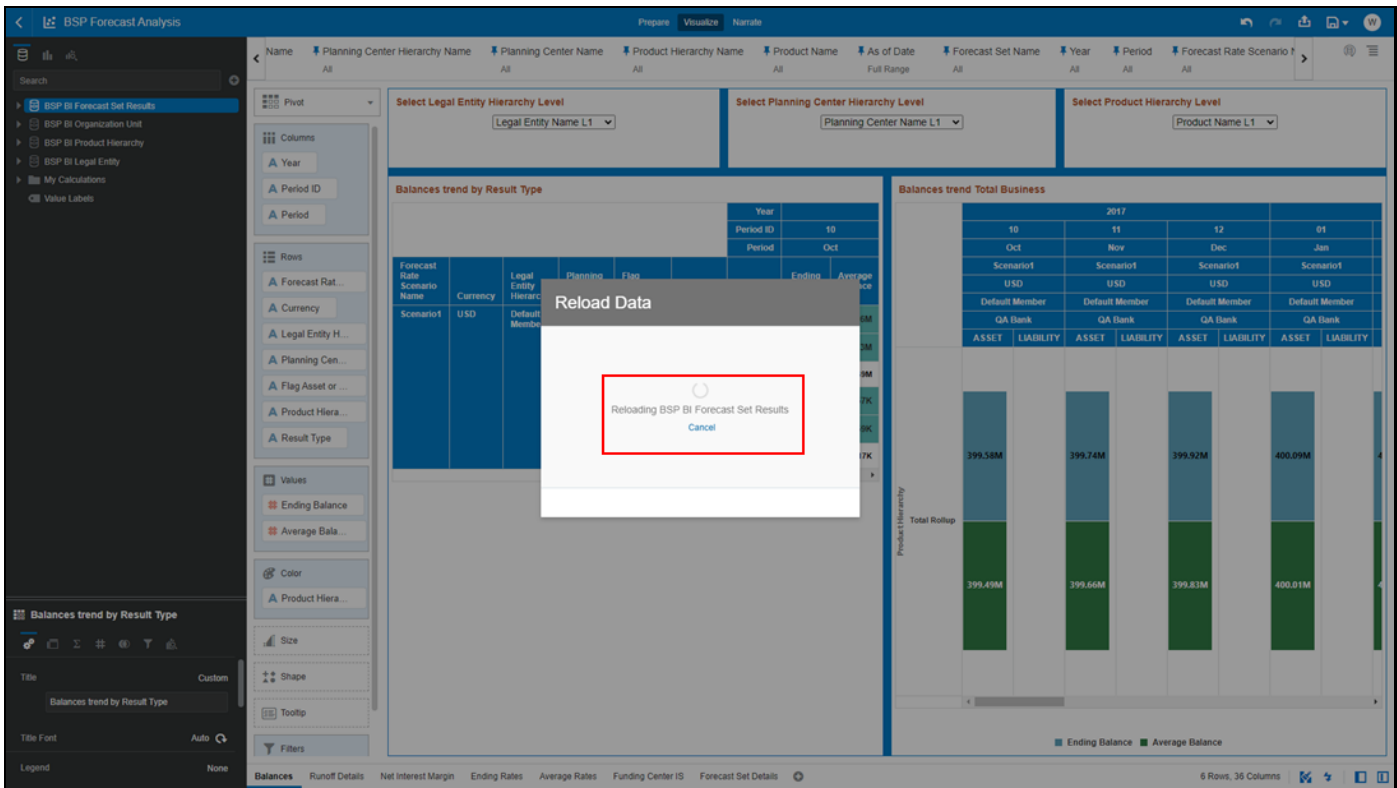
1. From the LHS Menu, select the desired Dataset as displayed in the following screenshot and then right-click on it to select the Reload Data Option in the prompted action list.

Figure 3: BSP Forecast Analysis



2. Wait for the Dataset to be refreshed as displayed in the following screenshot.

Figure 4: Reload Data

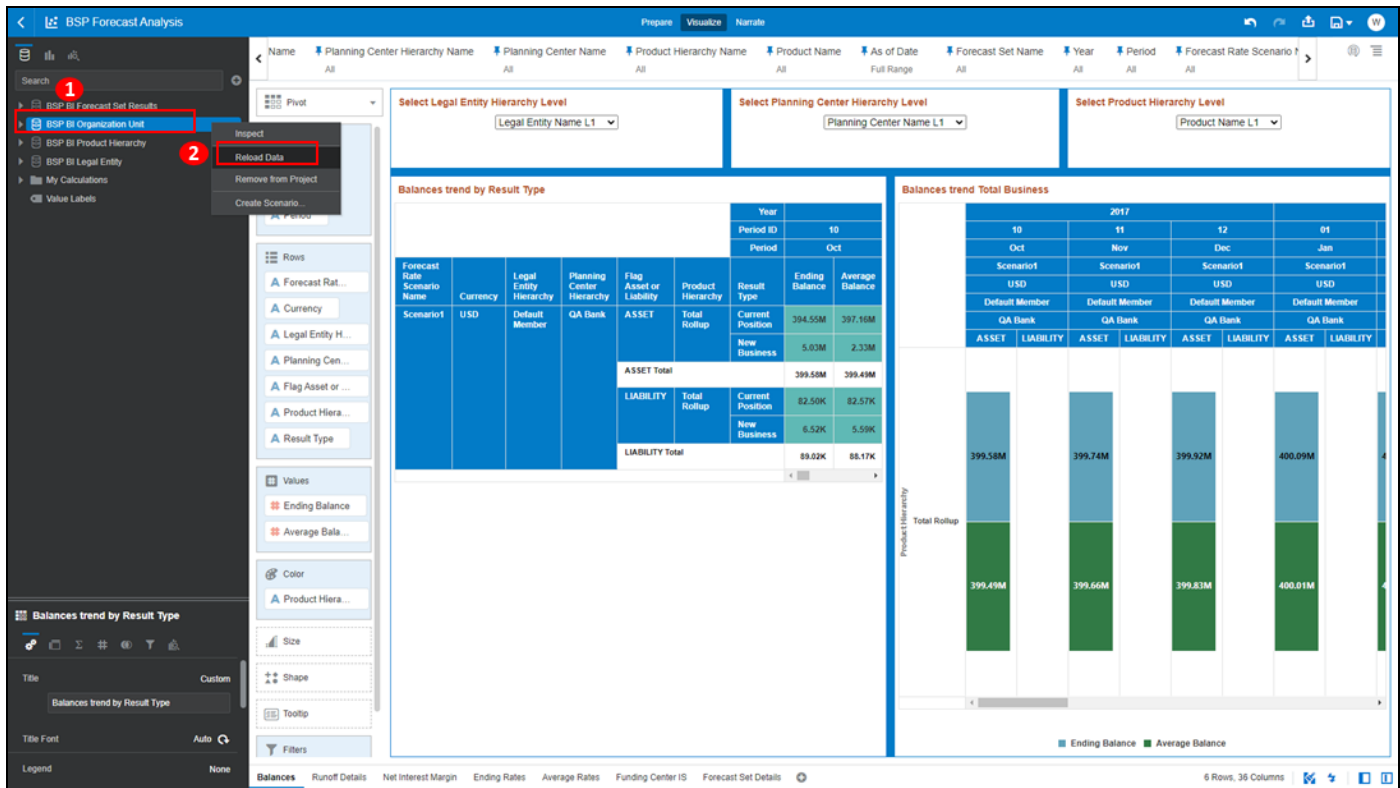


3. After the Dataset is refreshed, click OK to proceed.

To refresh the BSP BI Organization Unit Dataset, follow these steps:

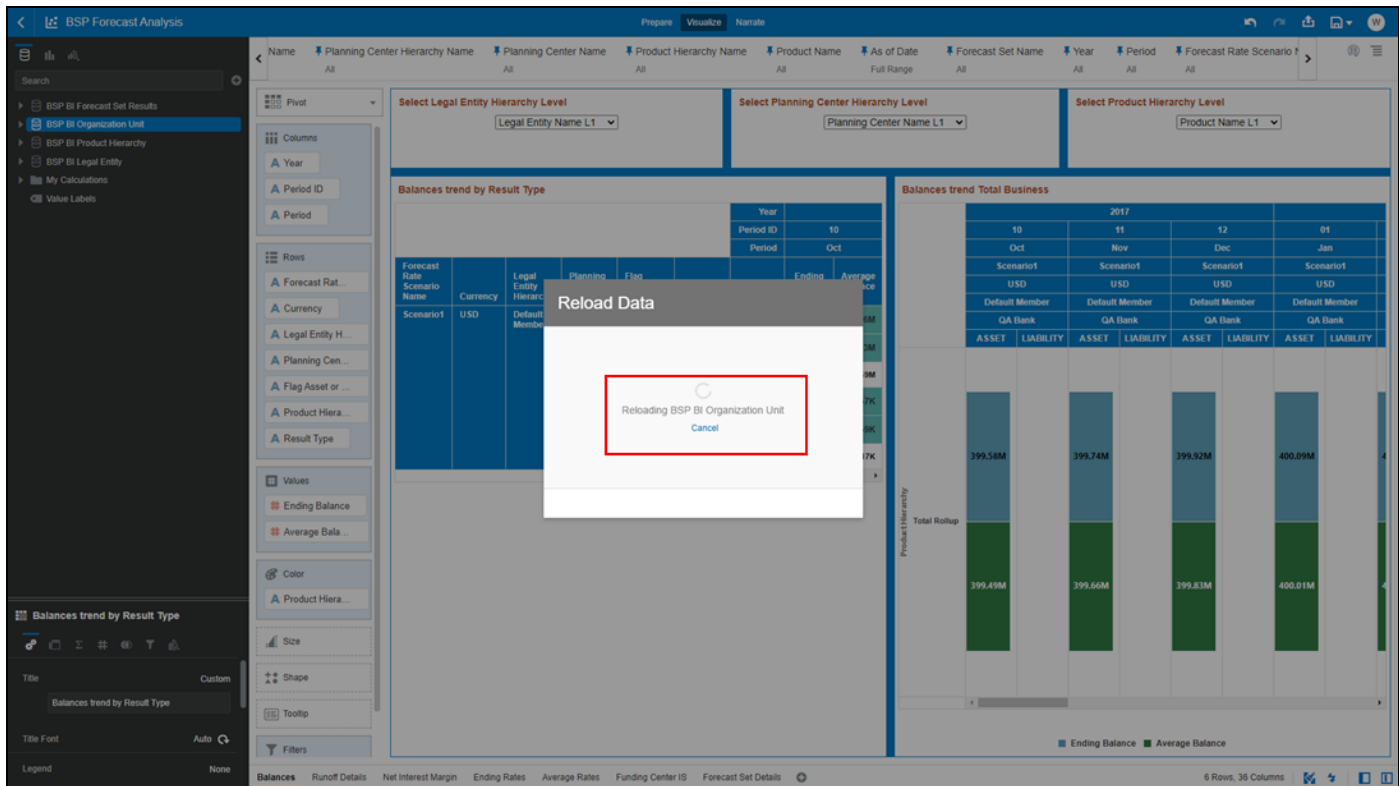
1. From the LHS Menu, select the desired Dataset as displayed in the following screenshot, and then right-click on it to select the Reload Data Option in the prompted action list.

Figure 5: Reload Data Option



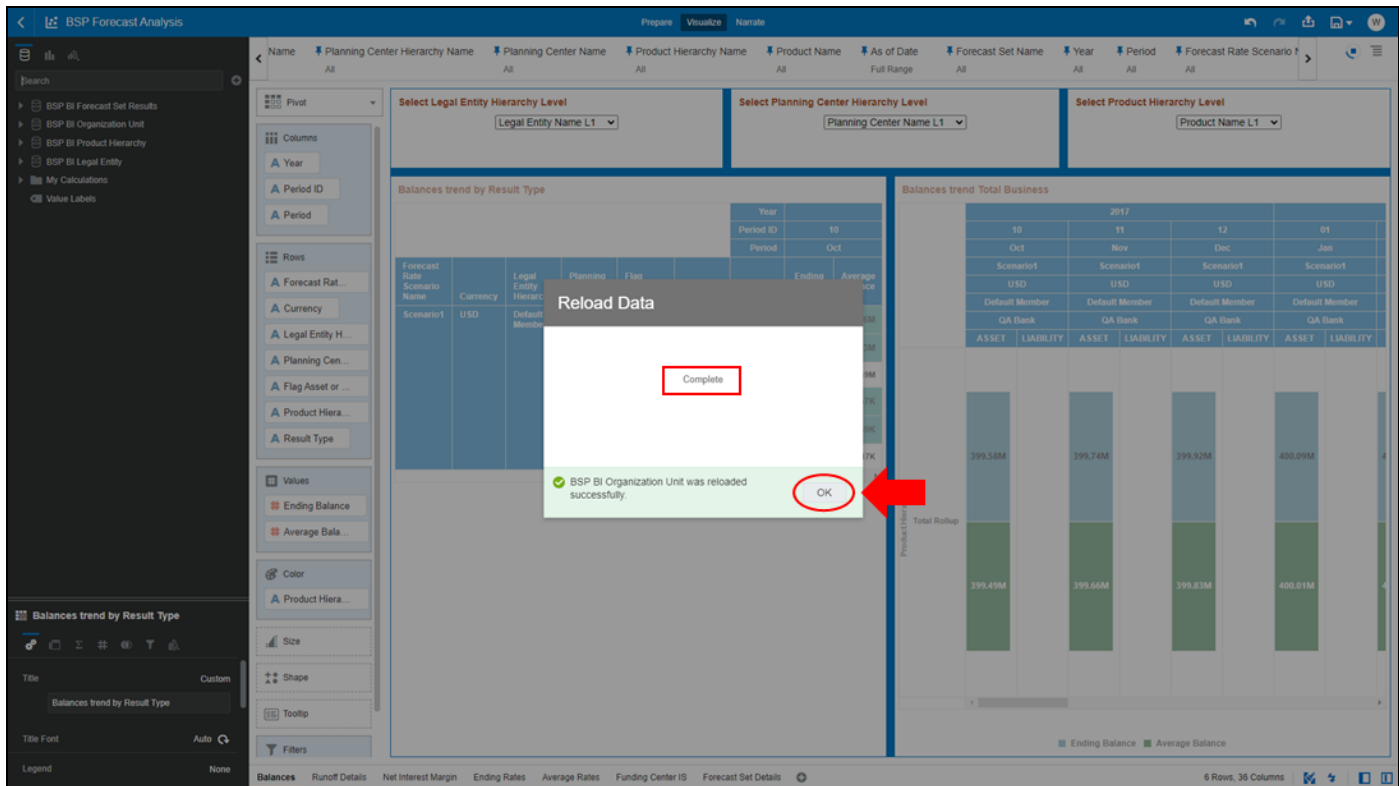
2. Wait for the Dataset to be refreshed as displayed in the following screenshot.

Figure 6: Data Reload



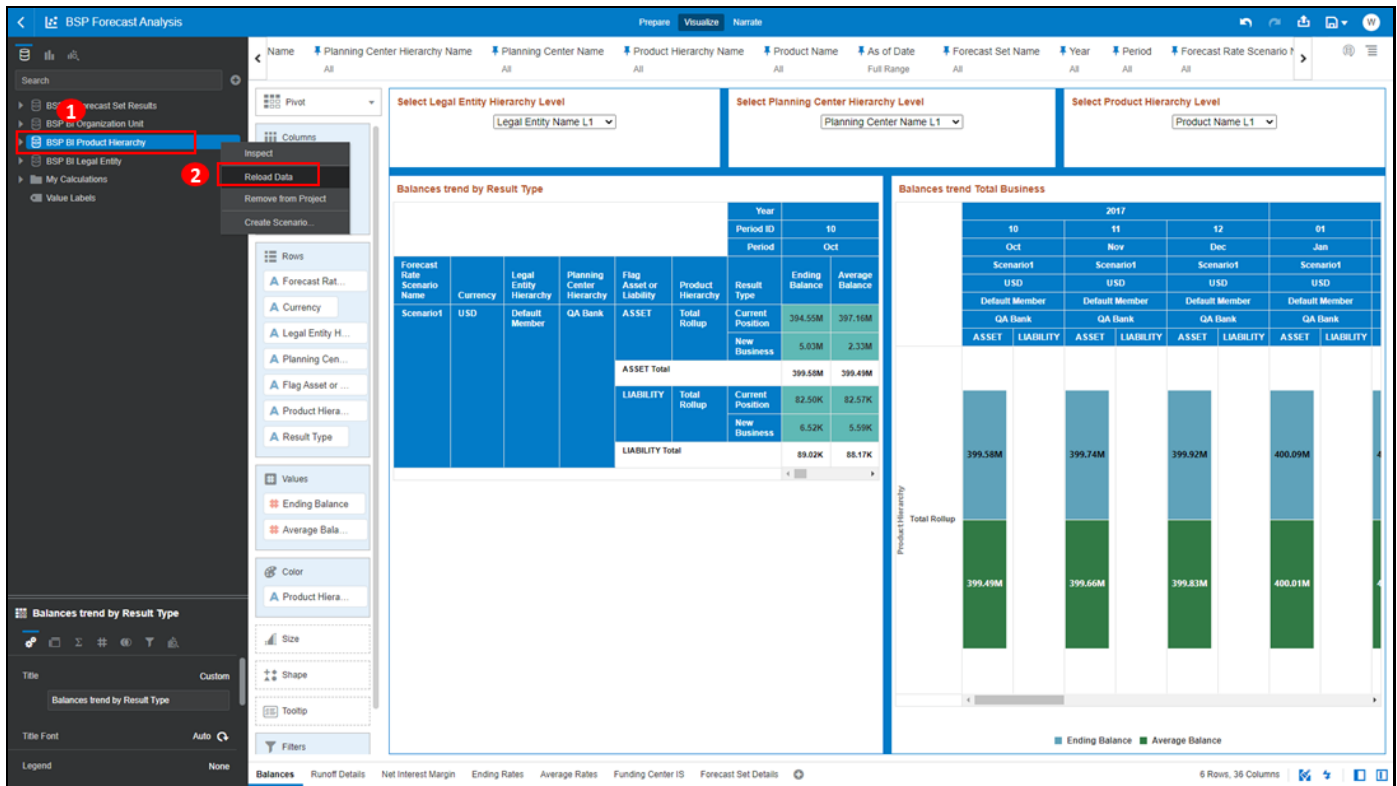
3. After the Dataset is refreshed click OK to proceed.

Figure 7: Reload Data Confirmation



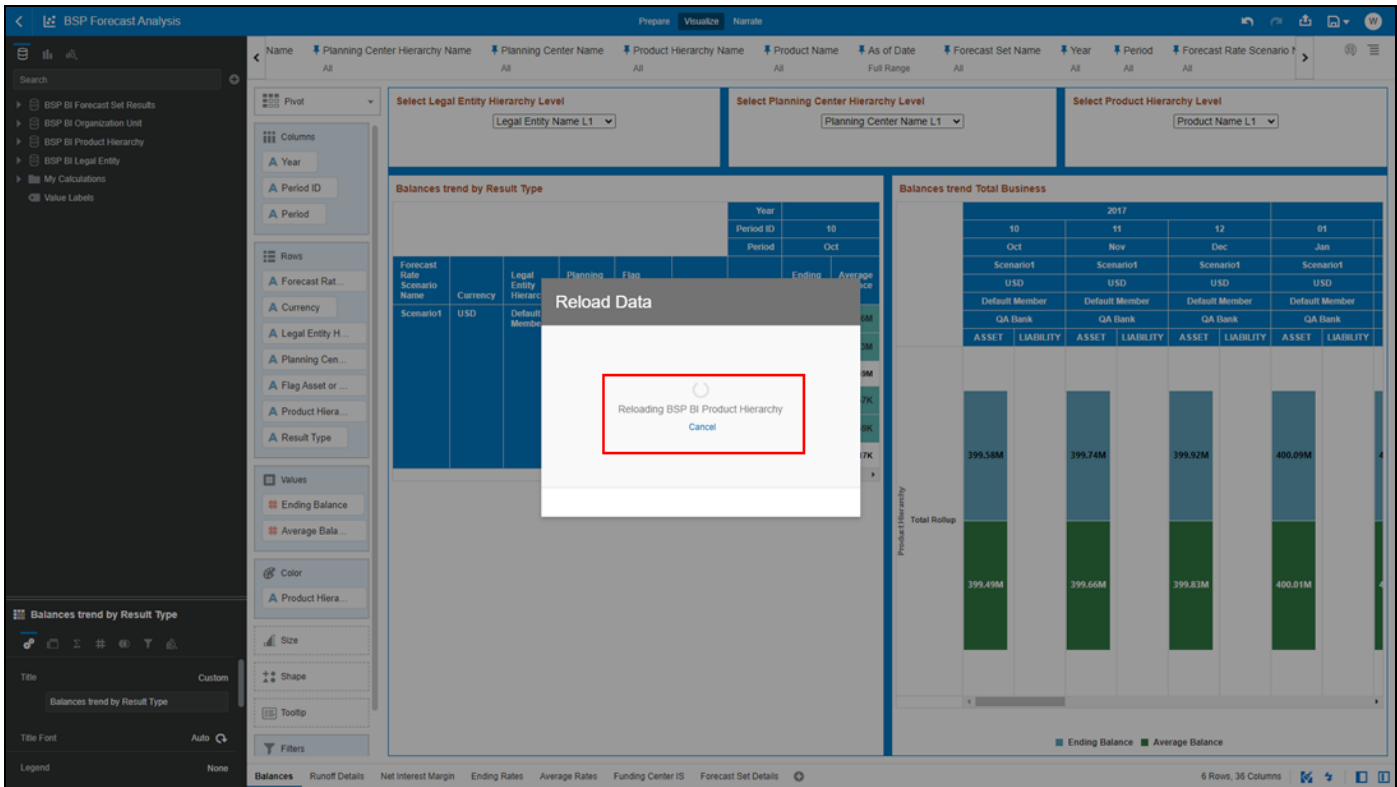
4. To refresh the BSP BI Product Hierarchy Dataset, follow these steps:
 - a. From the LHS menu, select the required Dataset as displayed in the following screenshot and then right-click on it to select the Reload Data Option in the prompted action list.

Figure 8: Reload Data Option



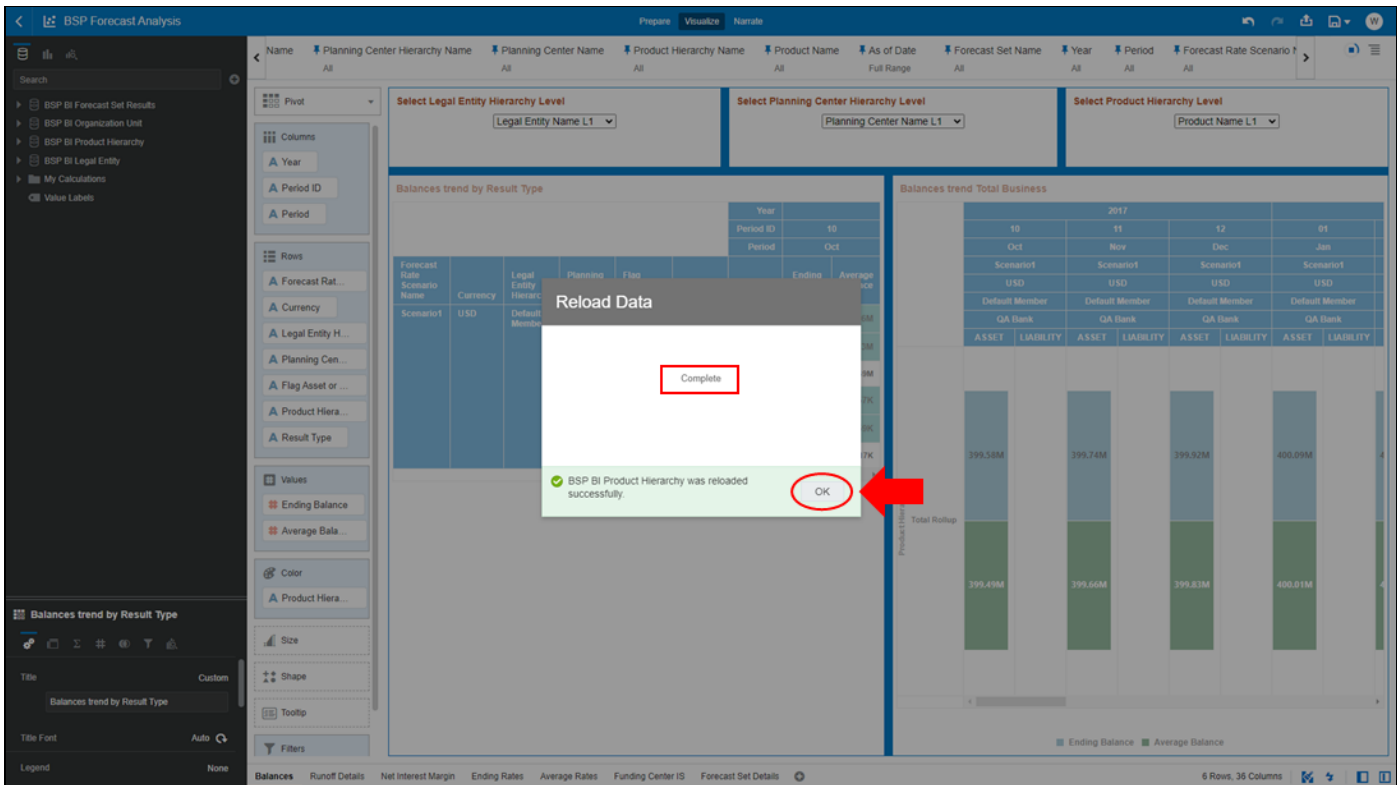
b. Wait for the Dataset to be refreshed as displayed in the following screenshot.

Figure 9: Data Reload



c. After the Dataset is refreshed click OK to proceed.

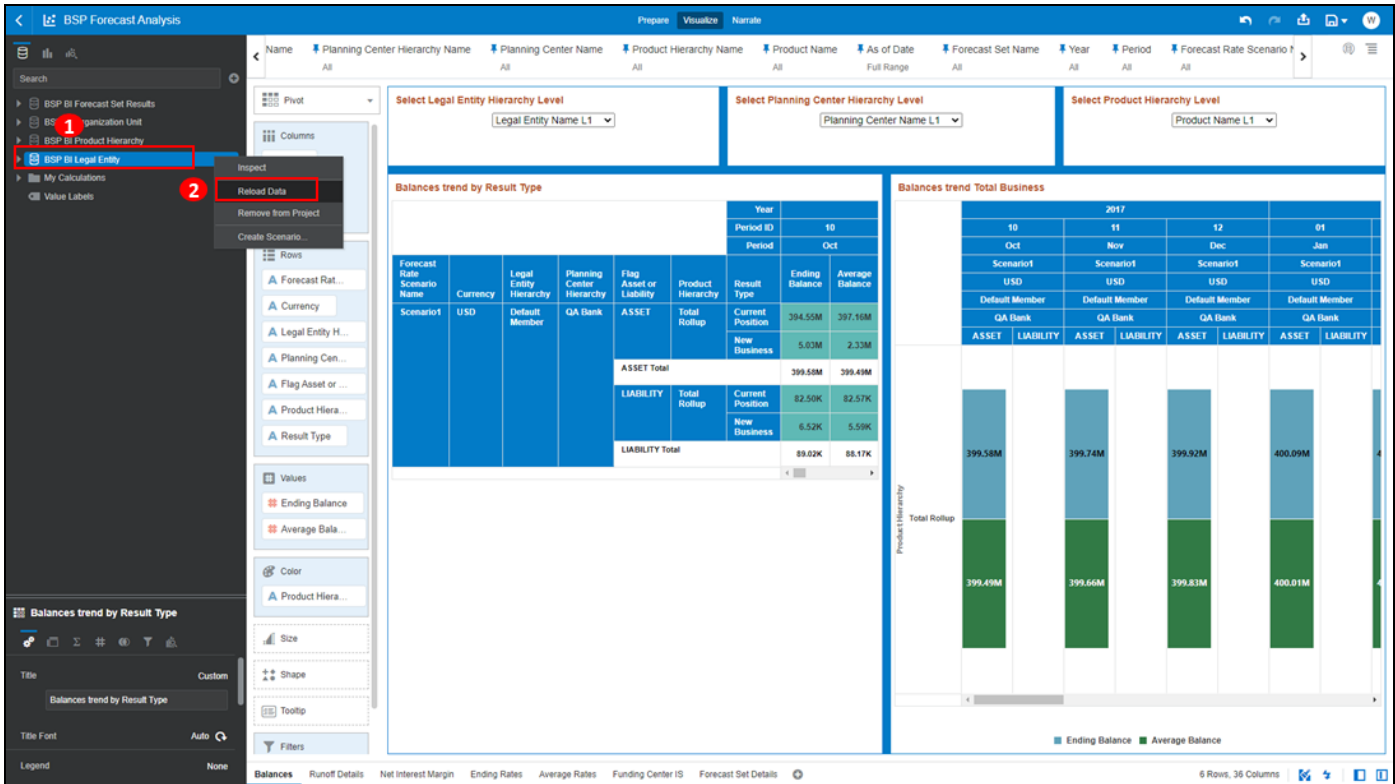
Figure 10: Reload Data Confirmation



To refresh the BSP BI Legal Entity Dataset, follow these steps:

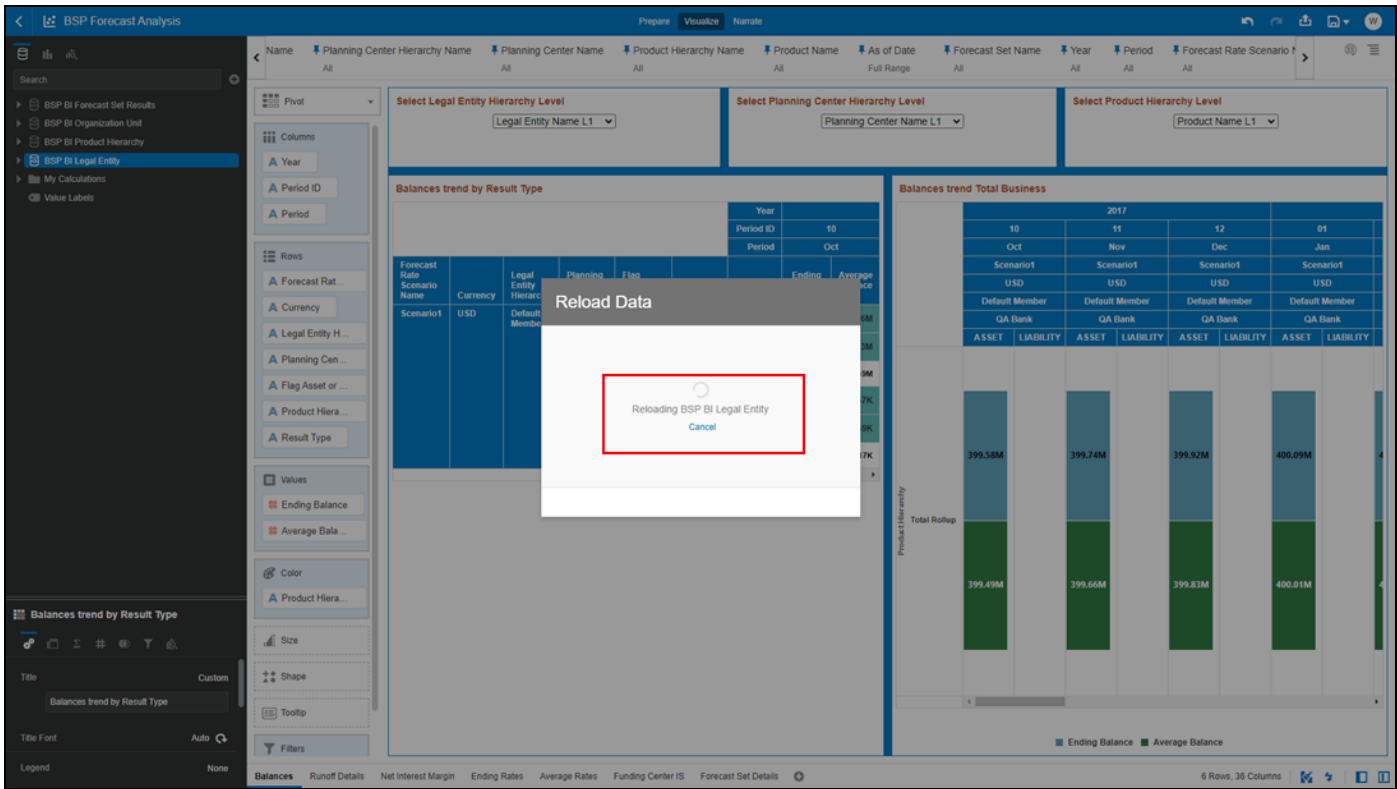
- a. From the LHS Menu, select the required required Dataset as displayed in the following screenshot and then right-click on it to select the Reload Data Option in the prompted action list.

Figure 11: Reload Data Option



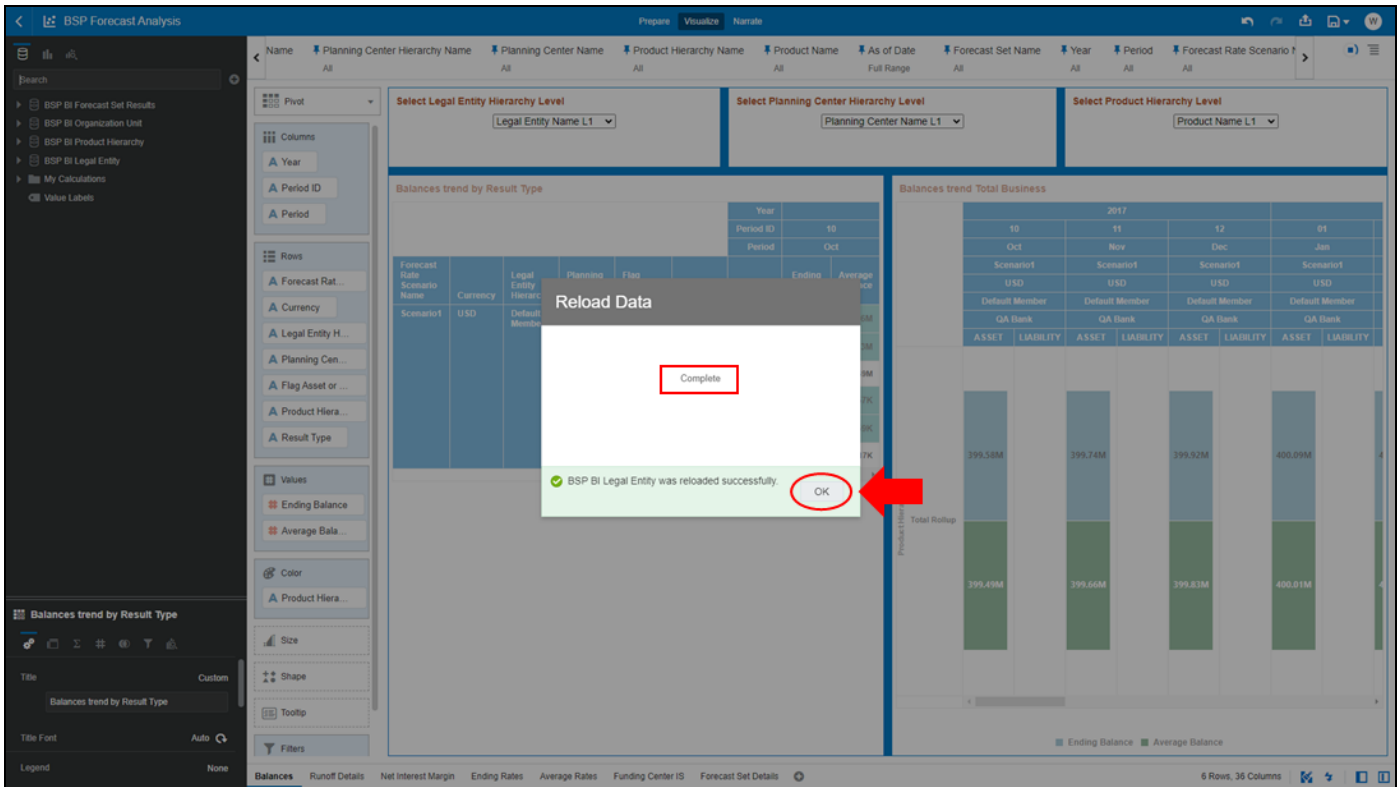
- b. Wait for the Dataset to be refreshed.

Figure 12: Data Reload



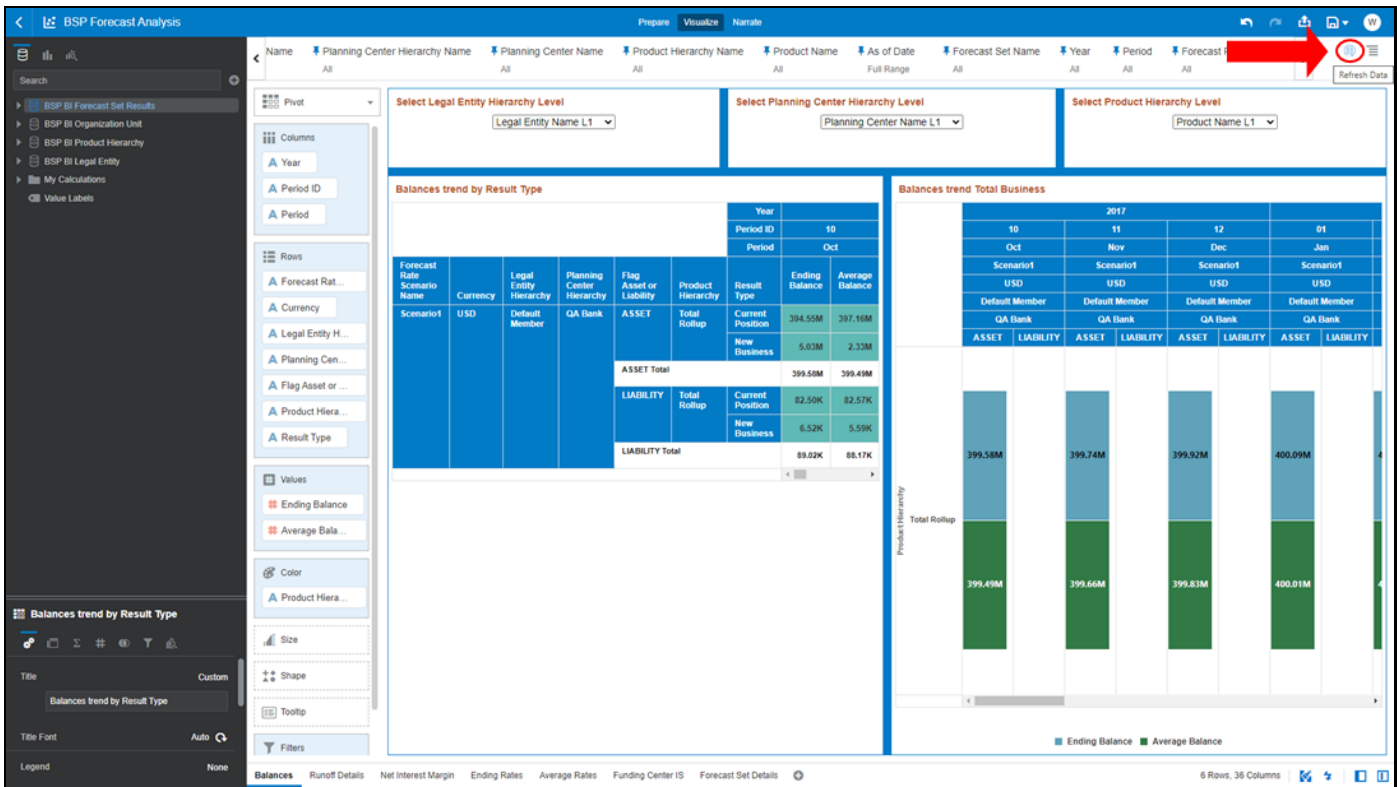
c. After the dataset is refreshed click OK to proceed.

Figure 13: Reload Data Confirmation



After the previous Datasets refresh, proceed with clicking on the “Refresh Data” Option from the top right hand side button as shown in the following screenshot.

Figure 14: Refresh Data



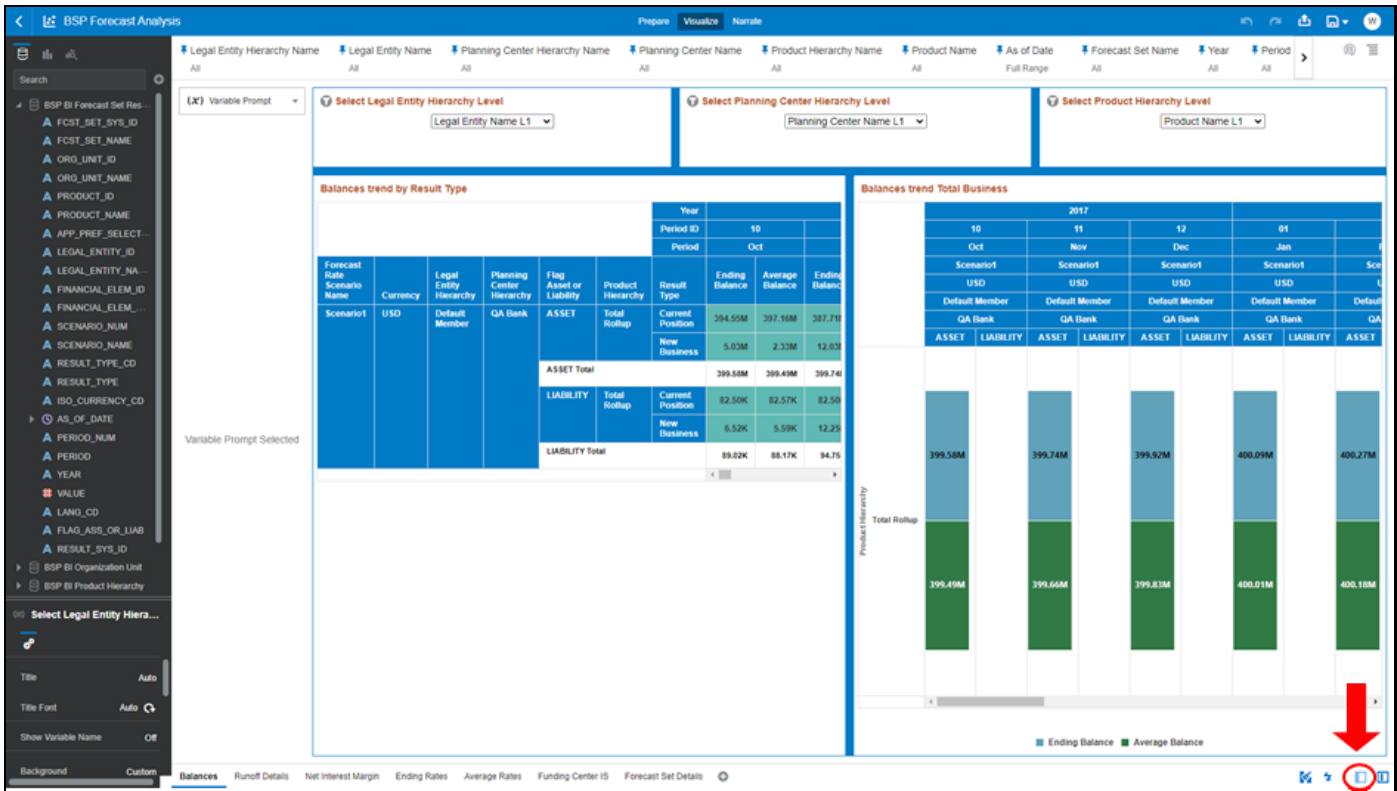
3.2 Disable Editor Panel Options

To use the BSP BI Report in Visualization Mode, you should disable the “Toggle Data Panel” and “Toggle Grammar Panel”.

Disable the “Toggle Data Panel” as per the following screenshot:

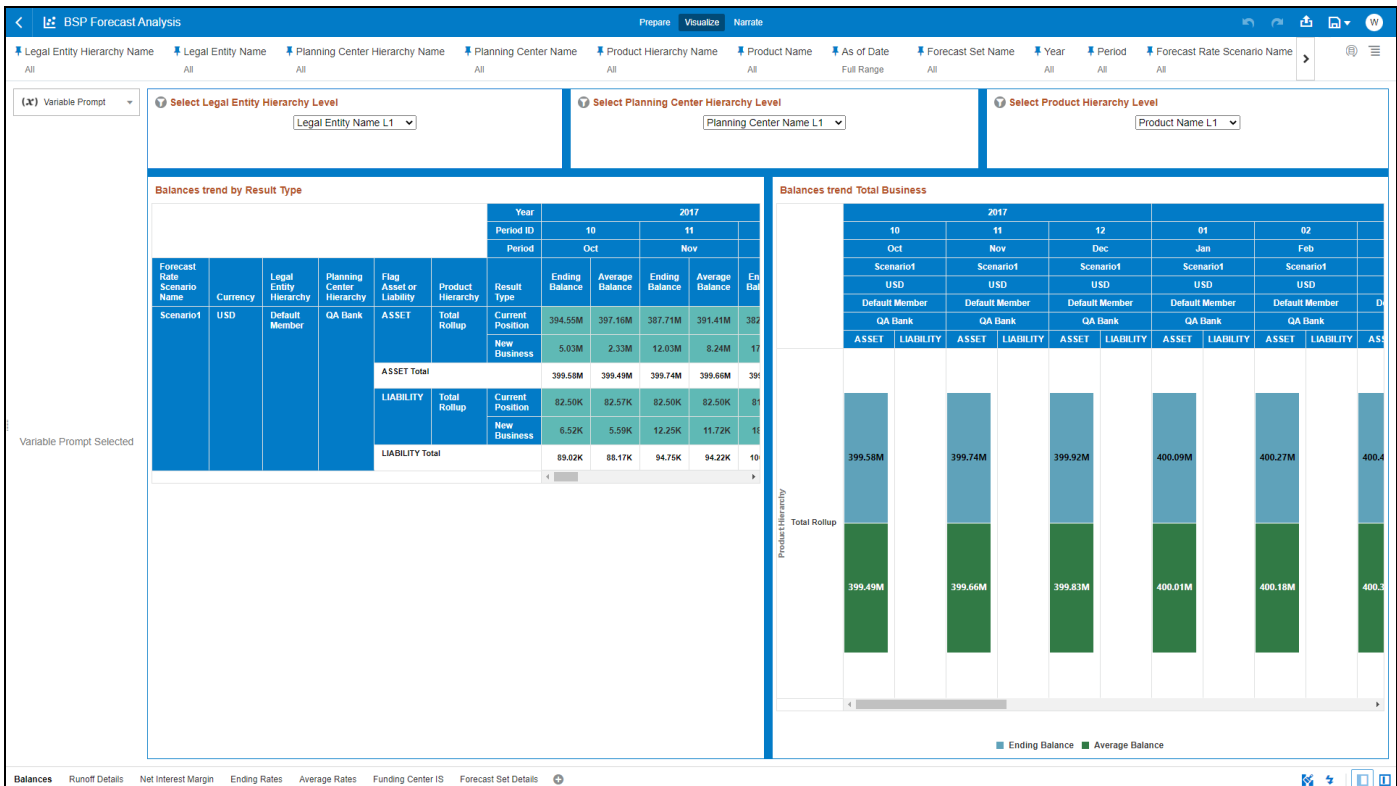
1. Click on the bottom right-hand side the “Toggle Data Panel” button as shown.

Figure 15: BSP Forecast Analysis



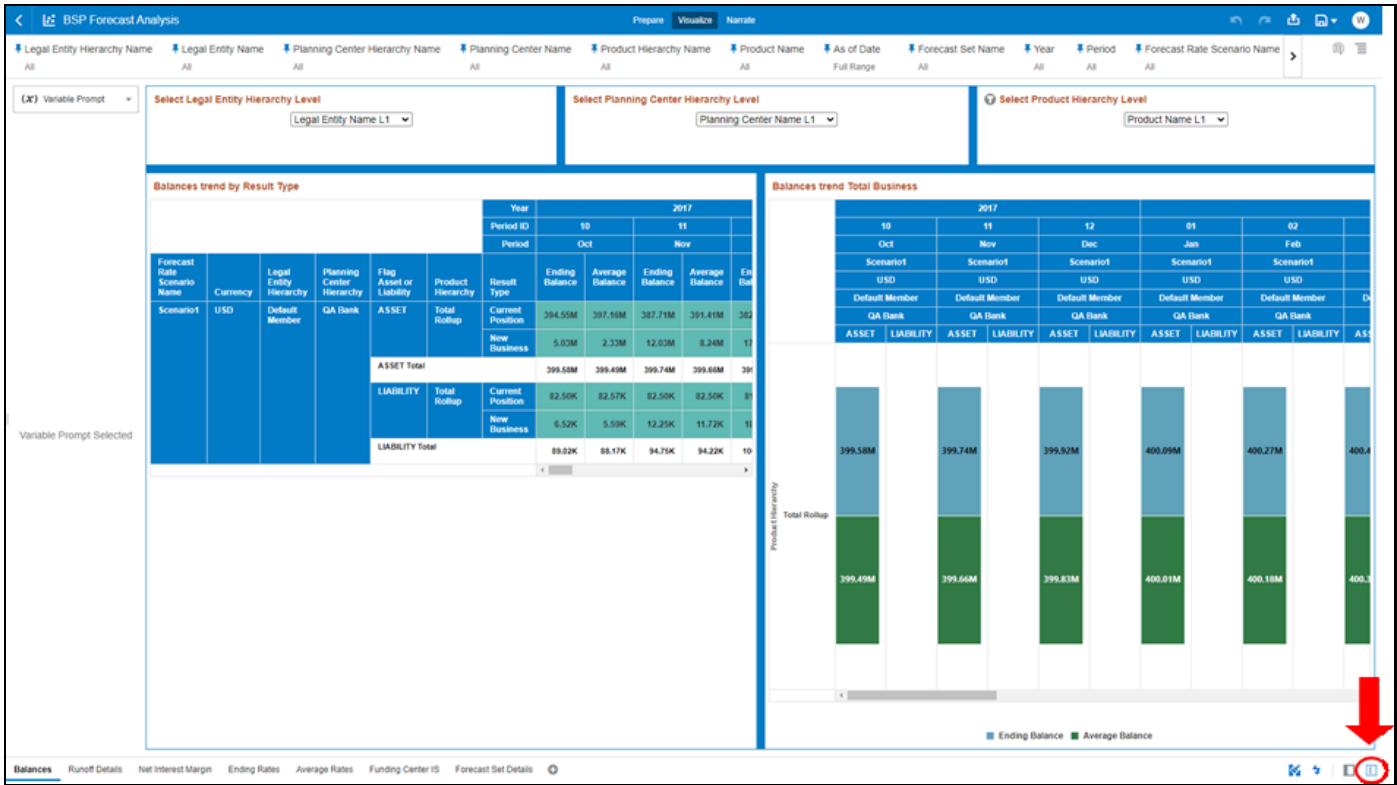
The result of the Step 1 action is displayed.

Figure 16: BSP Forecast Analysis Result



2. Disable the “Toggle Grammar Panel” as shown:

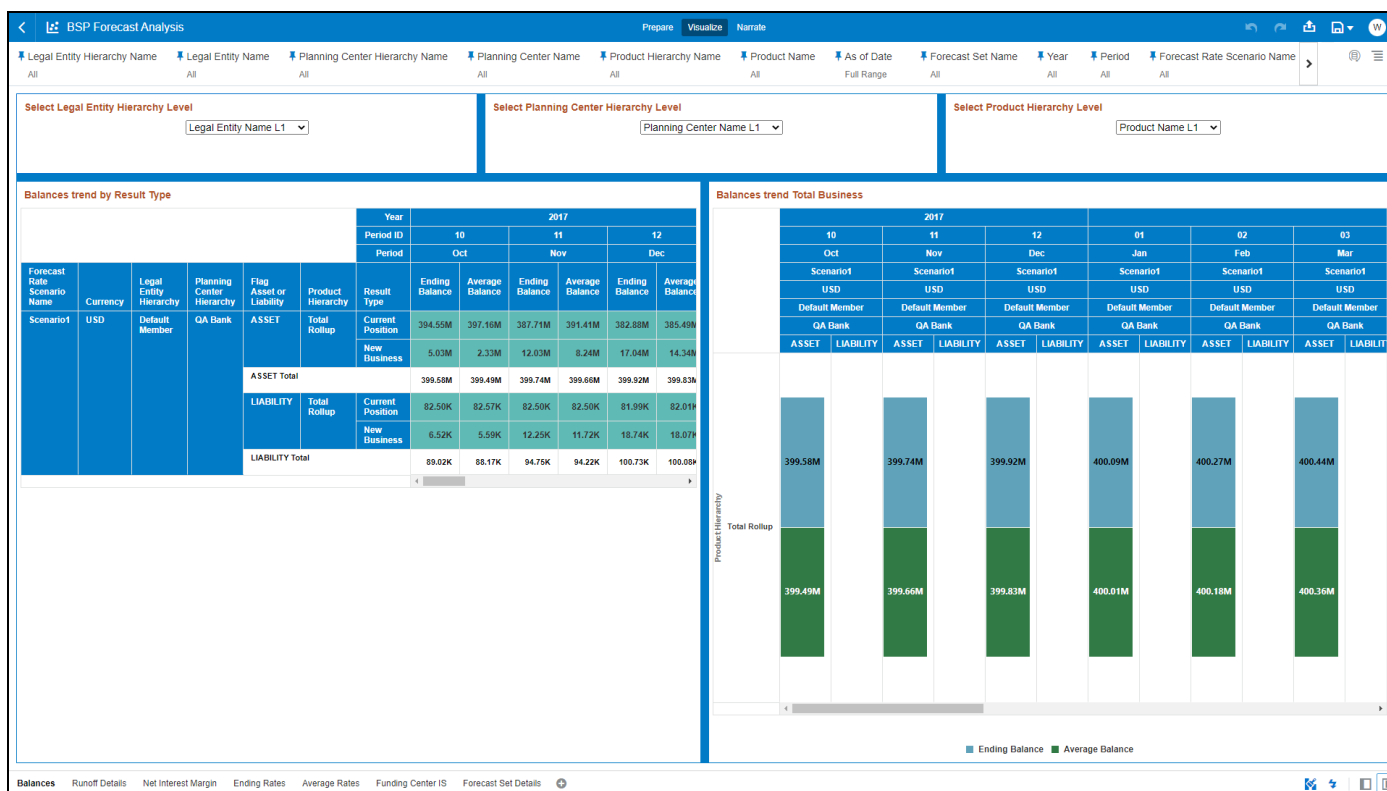
Figure 17: Disabling Toggle Grammar Panel



3. Click on the bottom right-hand side the “Toggle Grammar Panel” button as shown in the following screenshot.

The result of the Step 1 action is displayed.

Figure 18: Disabling Toggle Grammar Panel



3.3 Mandatory Report Drivers

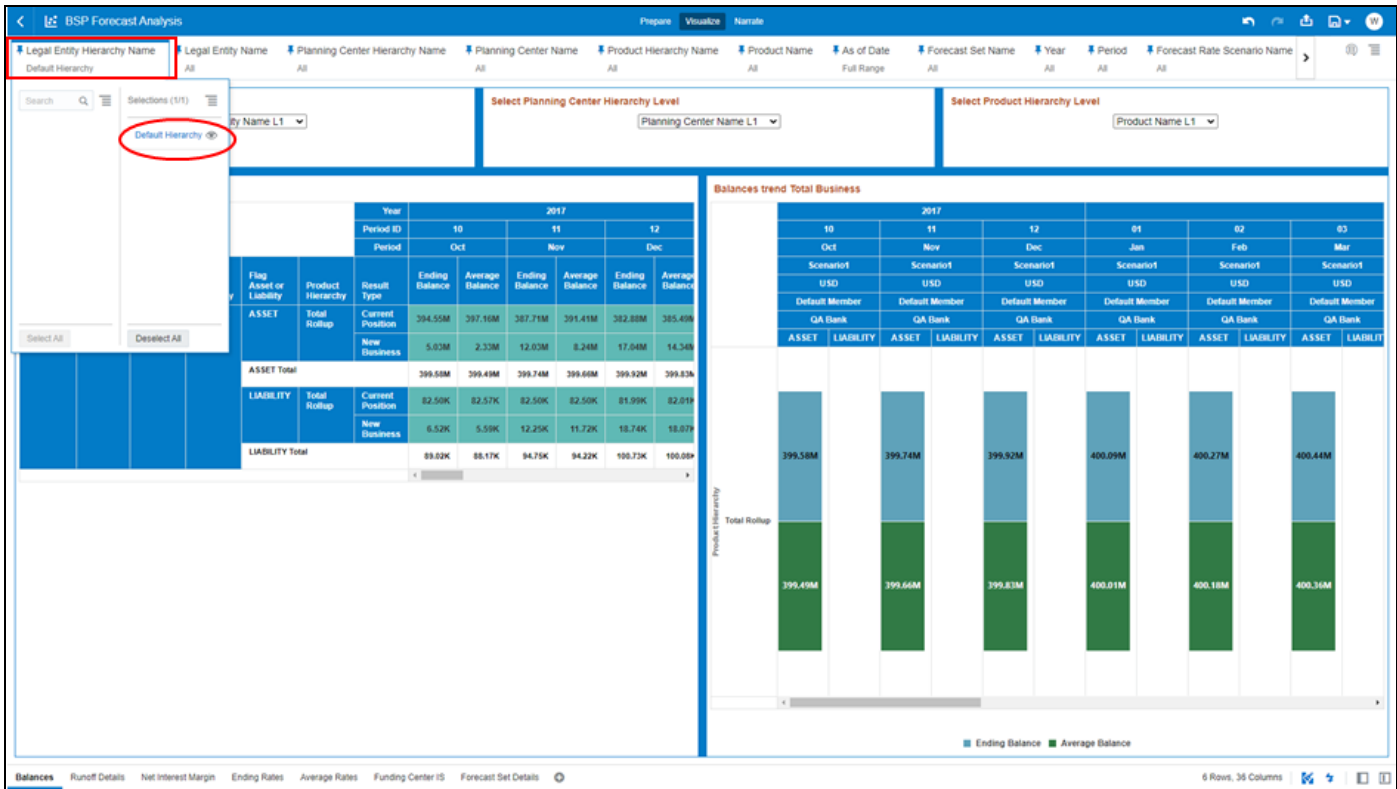
To get the desired BSP BI Report output, the Mandatory Reporting Drivers must be selected and applied as mentioned.

This is the list for the Mandatory Report Drivers that must be used as explained in the following process:

- Legal Entity Hierarchy Name
- Planning Center Hierarchy Name
- Product Hierarchy Name
- Forecast Set Name
- As of Date

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 "Legal Entity Hierarchy Name" must be selected with only a single value, simultaneously (note the screenshot displays sample data value for the mentioned mandatory driver and that this would be replaced by configuration set-up of your installation).

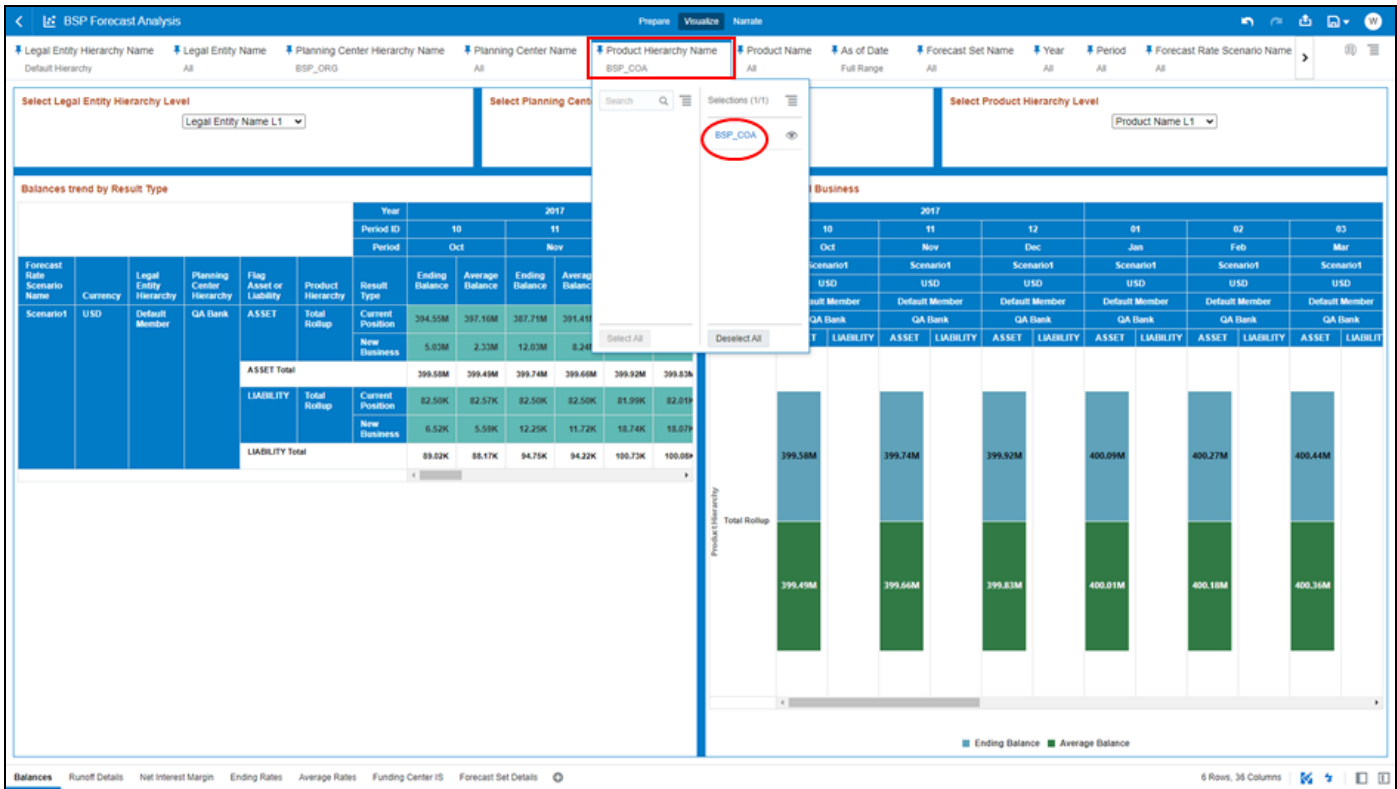
Figure 19: Selecting Legal Entity Hierarchy Name



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 "Planning Center Hierarchy Name" must be selected with only a single value, simultaneously (note the screenshot displays sample data value for the mentioned mandatory driver and that this would be replaced by configuration set-up of your installation).

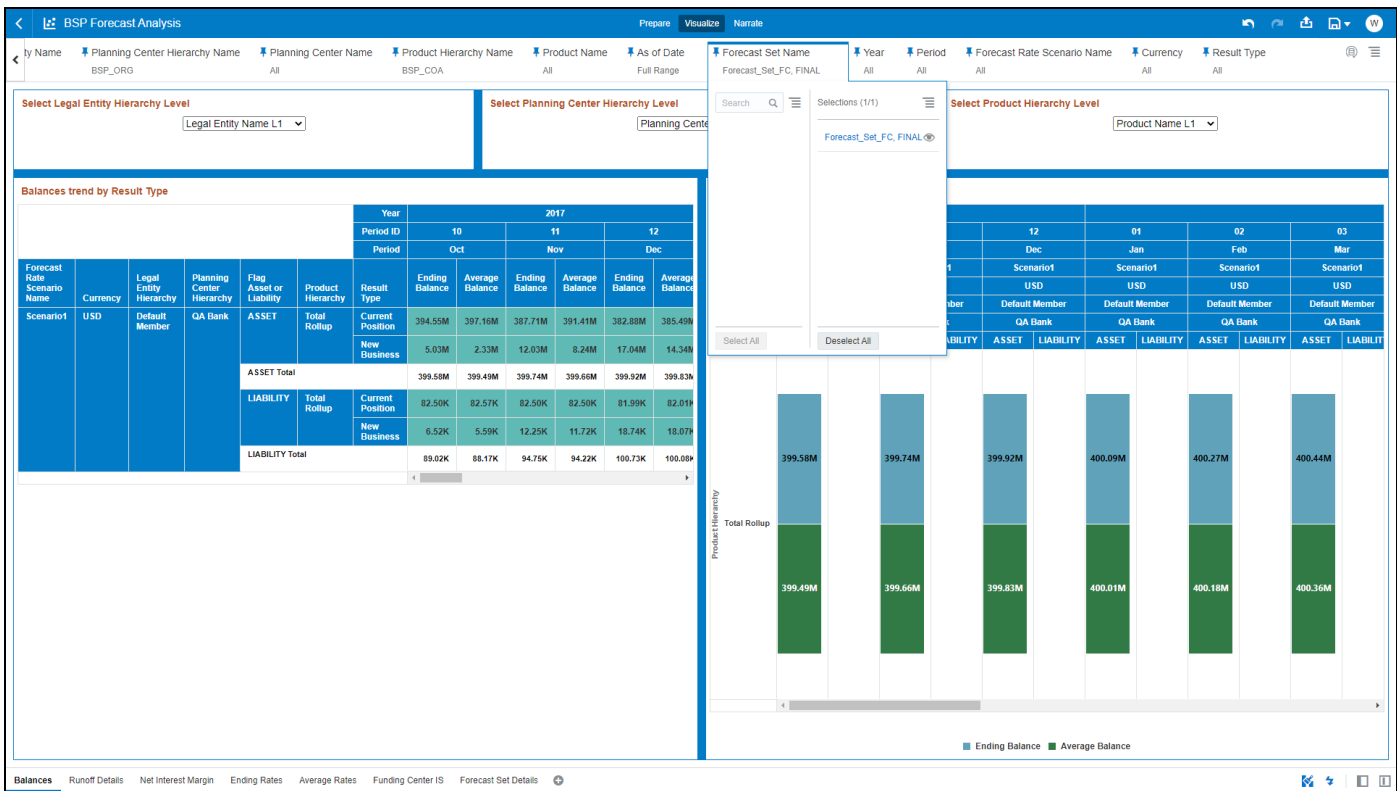
Figure 20: Planning Center Hierarchy Name

Figure 21: Product Hierarchy Name



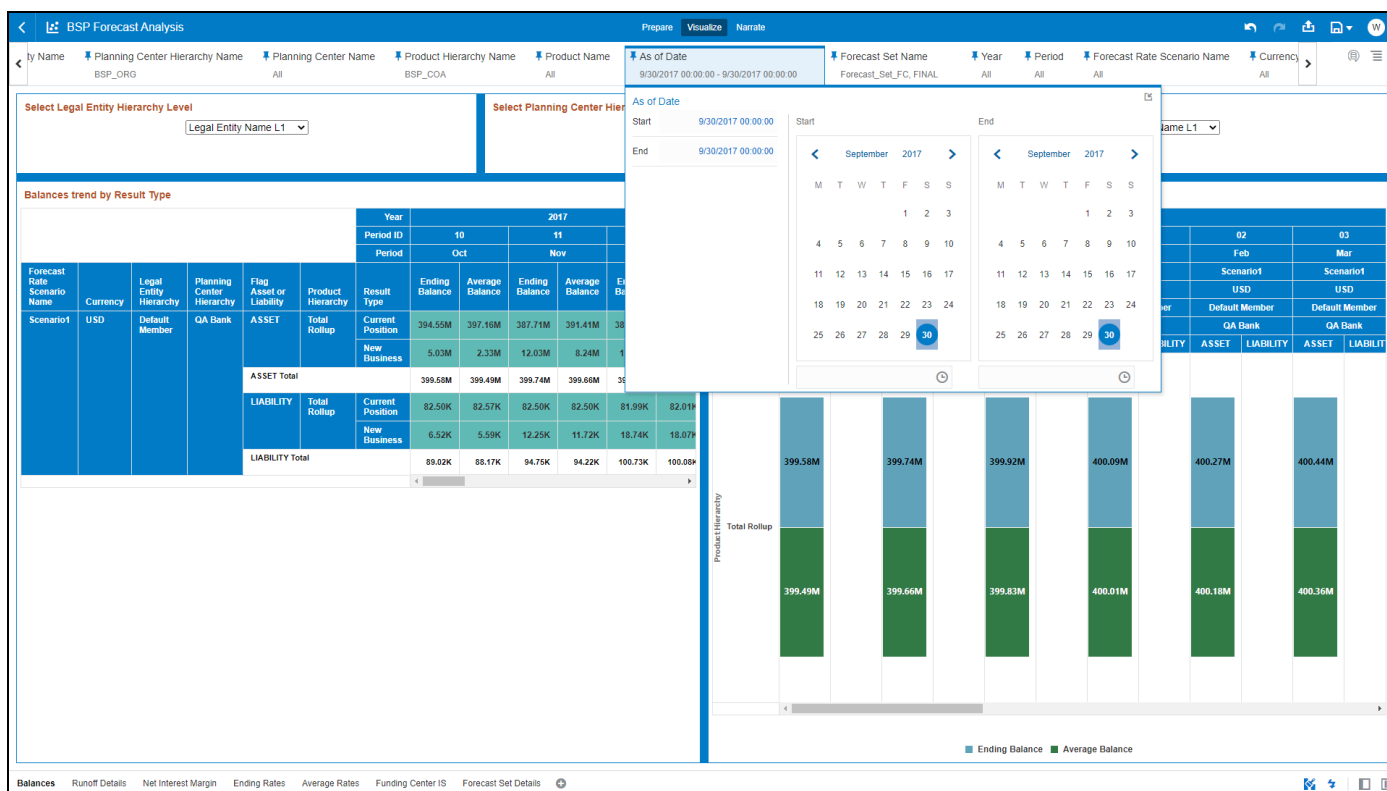
A mandatory driver to select “Forecast Set Name” must be selected with only a single value simultaneously as the end-user requires to analyze one Forecast Result at once (note the screenshot displays sample data value for the mentioned mandatory driver and that this would be replaced by configuration set-up of your installation).

Figure 22: Forecast Set Name



A mandatory driver to select “As of Date” must be selected with only a single value, simultaneously, as the end-user requires to analyze one Forecast Result Execution Period at once (note the screenshot displays sample data value for the mentioned mandatory driver and that this would be replaced by configuration set-up of your installation).

Figure 23: As of Date



3.3.1 Optional Report Drivers

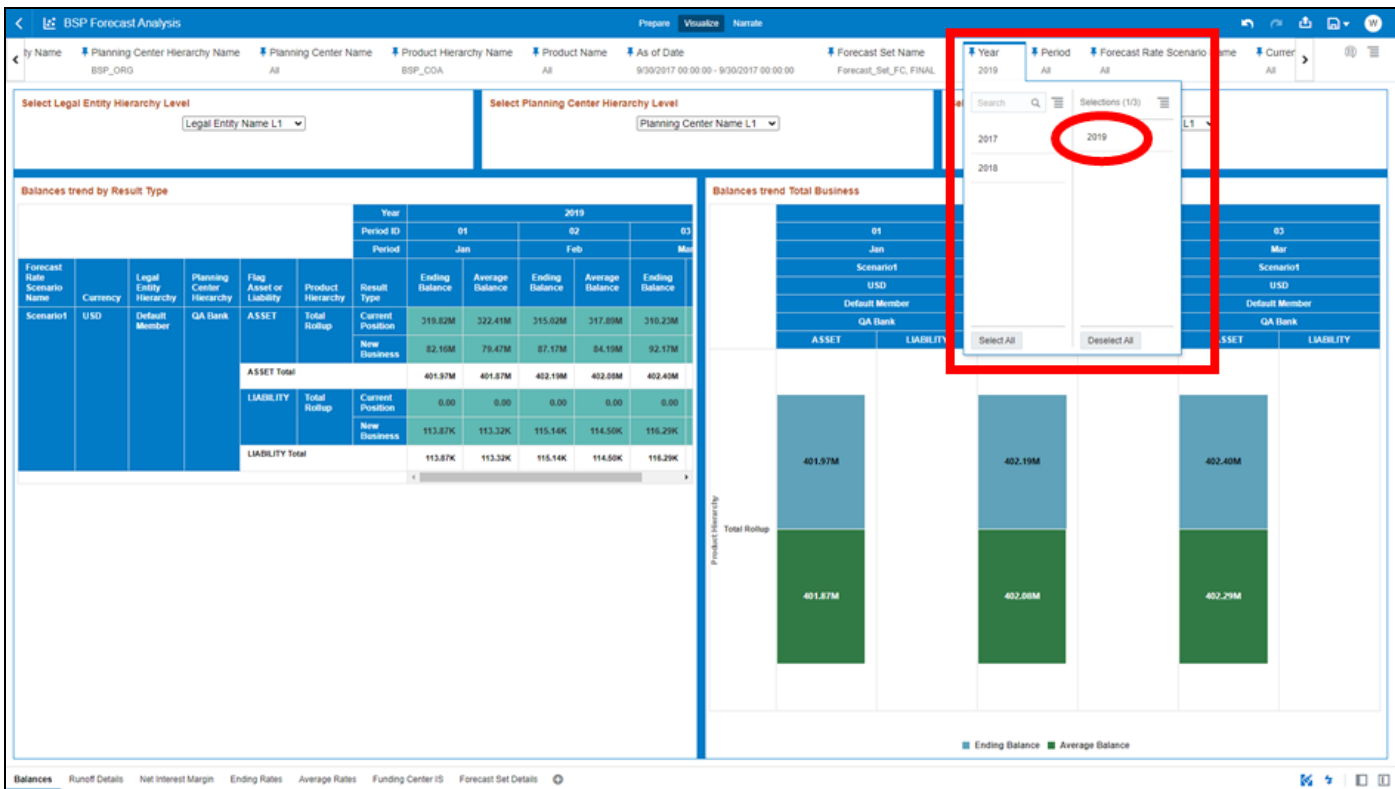
To further filter the desired BSP BI Report Output, the Optional Reporting Drivers can be discretionarily selected as mentioned.

The following is the list for the Optional Report Drivers that can be used as explained in the following process:

- Legal Entity Name
- Planning Center Name
- Product Name
- Year
- Period
- Forecast Rate Scenario Name
- Currency
- Result Type
- Financial Element ID (available only in “Forecast Set Details” report canvas)
- Financial Element (available only in “Forecast Set Details” report canvas)

The following screenshot demonstrates how to leverage the Optional Report Drivers (that is, filter for “Year” with a selection of “2019”).

Figure 24: Optional Report Drivers



The following screenshot displays the entire list for the Optional Report Drivers (note that “Financial Element ID” and “Financial Element” are available only in the “Forecast Set Details” Report Canvas).

Figure 25: List of Optional Report Drivers

The screenshot displays the BSP Forecast Analysis interface, specifically the 'Forecast Set Details' report canvas. The top navigation bar includes tabs for Prepare, Visualize, and Narrative. Below the navigation bar, there are filters for Legal Entity Hierarchy Name, Planning Center Hierarchy Name, Product Hierarchy Name, Product Name, As of Date, Forecast Set Name, Year, Period, Forecast Rate Scenario Name, Currency, Result Type, Financial Element ID, and Financial Element. The main content area shows a table with columns for As of Date, Year, Period ID, Period, Result Type ID, Forecast Set ID, Forecast Set Name, Forecast Rate Scenario ID, Forecast Rate Scenario Name, Currency, Legal Entity ID, Legal Entity Name, Planning Center ID, Planning Center Name, App Preference Selection, Product ID, Product Name, Flag Asset or Liability, Financial Element ID, Financial Element, Result Type, Result Type Name, and Financial Element Value. A red box highlights the 'Financial Element ID' and 'Financial Element' filters, which are available only in this report canvas.

3.4 Use Report Hierarchical Levels

The BSP BI Reports enable the roll-up and drill-down capability for Forecast Output Results, leveraging all the available levels for the following three Hierarchies:

- Legal Entity Hierarchy
- Planning Center Hierarchy
- Product Hierarchy

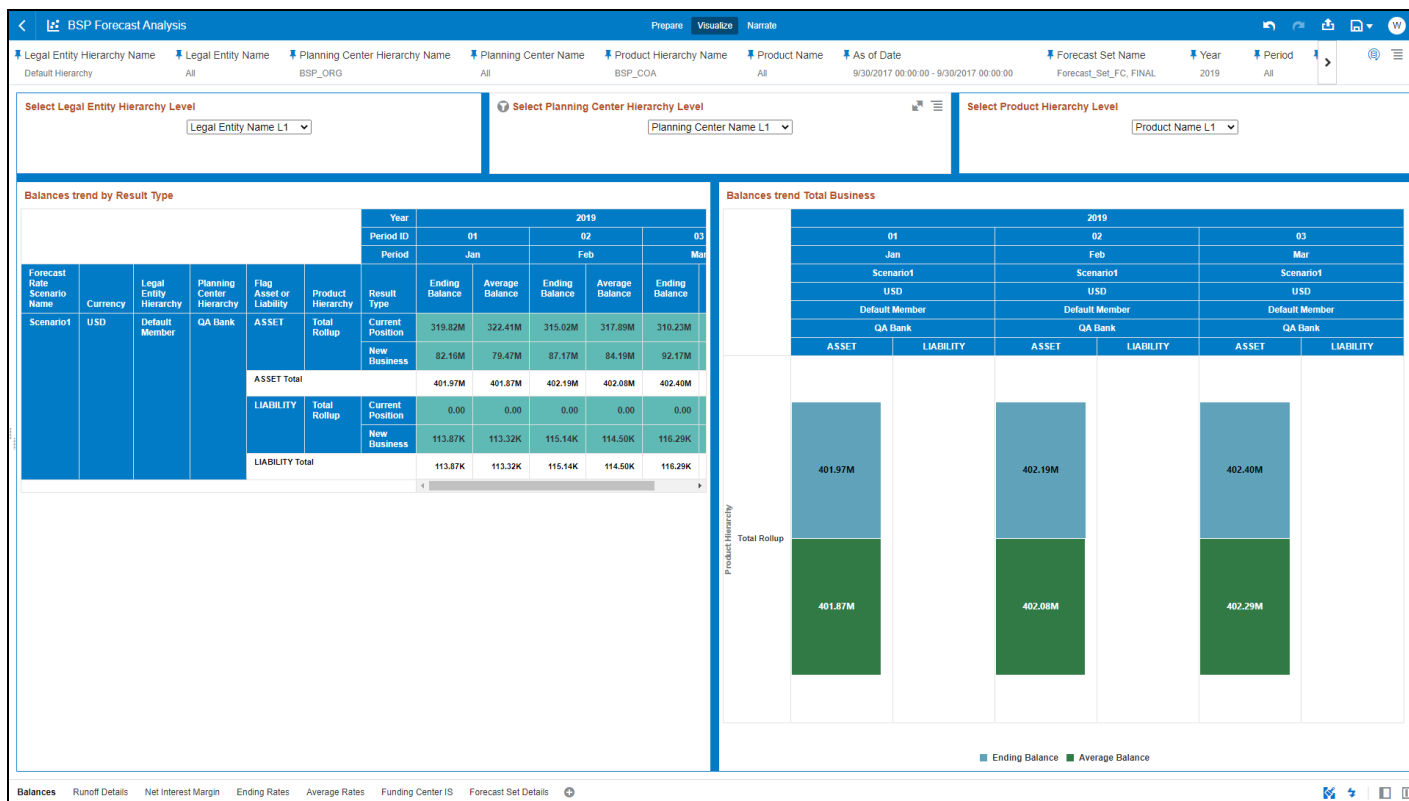
The following screenshot displays the three available selections for the aforementioned hierarchies.

These are available for all the Report Canvases except for the “Funding Center IS”, where only “Legal Entity Hierarchy” and “Product Hierarchy” are available. This is because Funding Center is always a hypothetical branch, which is created to do all adjustments, which are prevailing under the Planning Center. Therefore, there is no hierarchy available for this Driver, and for “Forecast Set Details”..

Available Hierarchies for the Report Canvases are as follows:

- Balances
- Runoff Details
- Net Interest Margin
- Ending Rates
- Average Rates

Figure 26: BSP Forecast Analysis Homepage



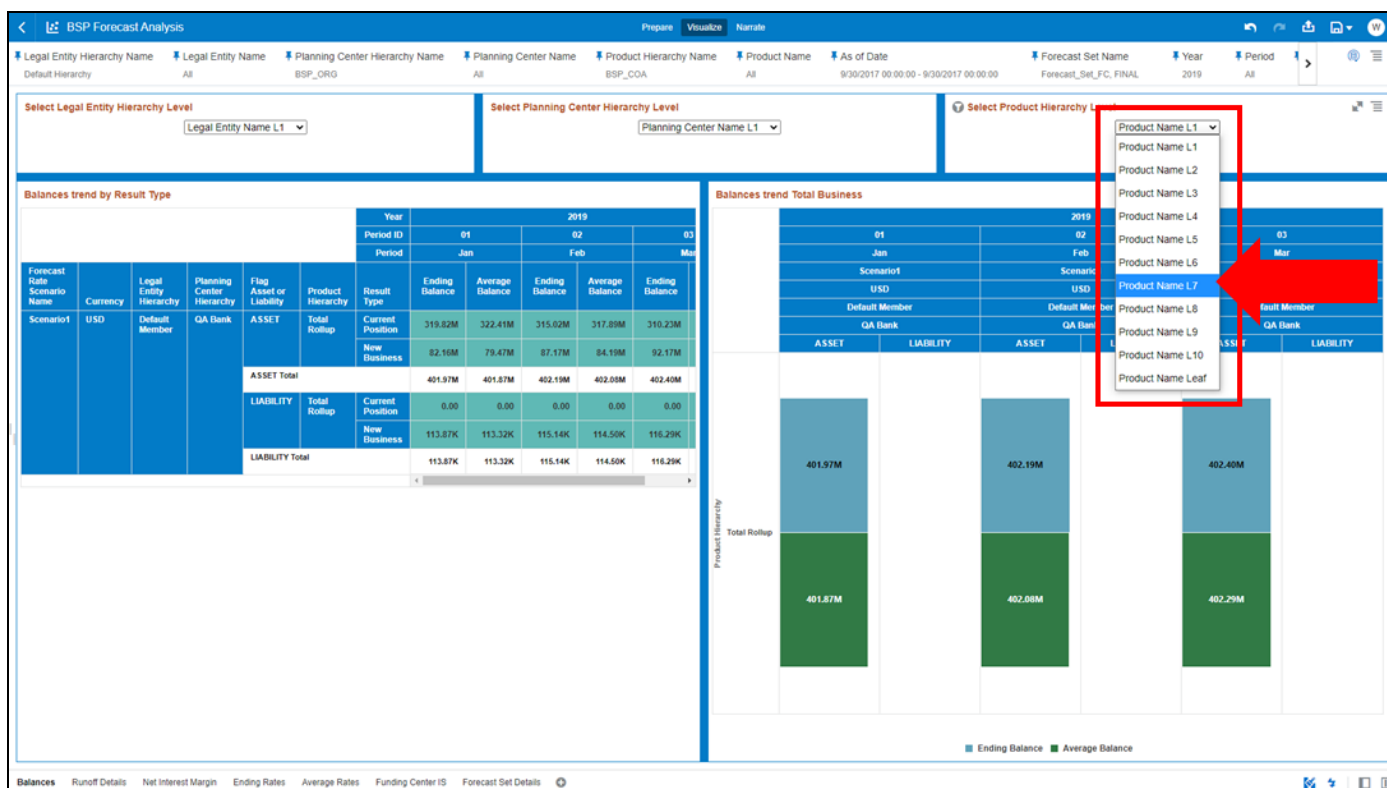
No hierarchies are available for the Forecast Set Details Report Canvas.

Figure 27: Forecast Set Details

BSP Forecast Analysis																																																	
Legal Entity Hierarchy Name		Legal Entity Name		Planning Center Hierarchy Name		Planning Center Name		Product Hierarchy Name		Product Name		As of Date		Forecast Set Name		Year		Period		Forecast Rate Scenario Name		Currency		Result Type		Financial Element ID		Financial Element																					
AI		AI		AI		AI		AI		AI		Full Range		AI		AI		AI		AI		AI		AI		AI		AI																					
Forecast Set Details																																																	
As of Date	Year	Period ID	Period	Result Sys ID	Forecast Set ID	Forecast Set Name	Forecast Rate Scenario ID	Forecast Rate Scenario Name	Currency	Legal Entity ID	Legal Entity Name	Planning Center ID	Planning Center Name	App Preference Selection	Product ID	Product Name	Flag Asset or Liability	Financial Element ID	Financial Element	Result Type	Result Type	Financial Element Value																											
09/30/2017 12:00:00 AM	2017	10	Oct	-1	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1103	Funding Center1	COA	30201	Home Loan (Fixed)	ASSET	450	Transfer Rate Charge/Credit	0	Current Position	-361.323K																											
09/30/2017 12:00:00 AM	2017	10	Oct	-1	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1103	Funding Center1	COA	30202	Home Loan (Adjustable)	ASSET	450	Transfer Rate Charge/Credit	0	Current Position	-31.8613K																											
09/30/2017 12:00:00 AM	2017	10	Oct	-1	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1103	Funding Center1	COA	30203	Consumer Loan	ASSET	450	Transfer Rate Charge/Credit	0	Current Position	-247.810K																											
09/30/2017 12:00:00 AM	2017	10	Oct	-1	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1103	Funding Center1	COA	50201	Wholesale Term Deposit	LIABILITY	450	Transfer Rate Charge/Credit	0	Current Position	-58.280K																											
09/30/2017 12:00:00 AM	2017	10	Oct	-1	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1103	Funding Center1	COA	50202	Retail Term Deposit	LIABILITY	450	Transfer Rate Charge/Credit	0	Current Position	-26.410K																											
09/30/2017 12:00:00 AM	2017	10	Oct	-1	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1103	Funding Center1	COA	60201	Retail CASA	LIABILITY	450	Transfer Rate Charge/Credit	0	Current Position	-4.870K																											
09/30/2017 12:00:00 AM	2017	10	Oct	-1	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1103	Funding Center1	COA	60202	Wholesale CASA	LIABILITY	450	Transfer Rate Charge/Credit	0	Current Position	-11.200K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	60	Beginning Balance	0	Current Position	389.2258K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	60	Beginning Balance	1	New Business	0.000K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	80	Beginning Net Rate	0	Current Position	16.6487K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	80	Beginning Net Rate	1	New Business	0.000K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	90	Beginning Transfer Rate	0	Current Position	11.3999K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	90	Beginning Transfer Rate	1	New Business	0.000K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	92	Beginning Basis Risk Cost Rate	1	New Business	0.000K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	94	Beginning Other Adjustment Rate	1	New Business	0.000K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	100	Ending Balance	0	Current Position	384.5469K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	100	Ending Balance	1	New Business	4.7799K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	120	Ending Net Rate	0	Current Position	16.6408K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	120	Ending Net Rate	1	New Business	228.9491K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	130	Ending Transfer Rate	0	Current Position	11.2502K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	130	Ending Transfer Rate	1	New Business	160.653K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	132	Ending Basis Risk Cost Rate	1	New Business	1.6726K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	134	Ending Other Adjustment Rate	1	New Business	23.884K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	140	Average Balance	0	Current Position	387.1378K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	140	Average Balance	1	New Business	2.1851K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	160	Average Net Rate	0	Current Position	16.7517K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	160	Average Net Rate	1	New Business	109.403K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	170	Average Transfer Rate	0	Current Position	11.3263K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	170	Average Transfer Rate	1	New Business	77.677K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	175	Average Basis Risk Cost Rate	1	New Business	763.840K																											
09/30/2017 12:00:00 AM	2017	10	Oct	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	177	Average Other Adjustment Rate	1	New Business	10.3405K																											
Balances																									Runoff Details	Net Interest Margin	Ending Rates	Average Rates	Funding Center ID	Forecast Set Details										100+ Rows, 23 Col.									

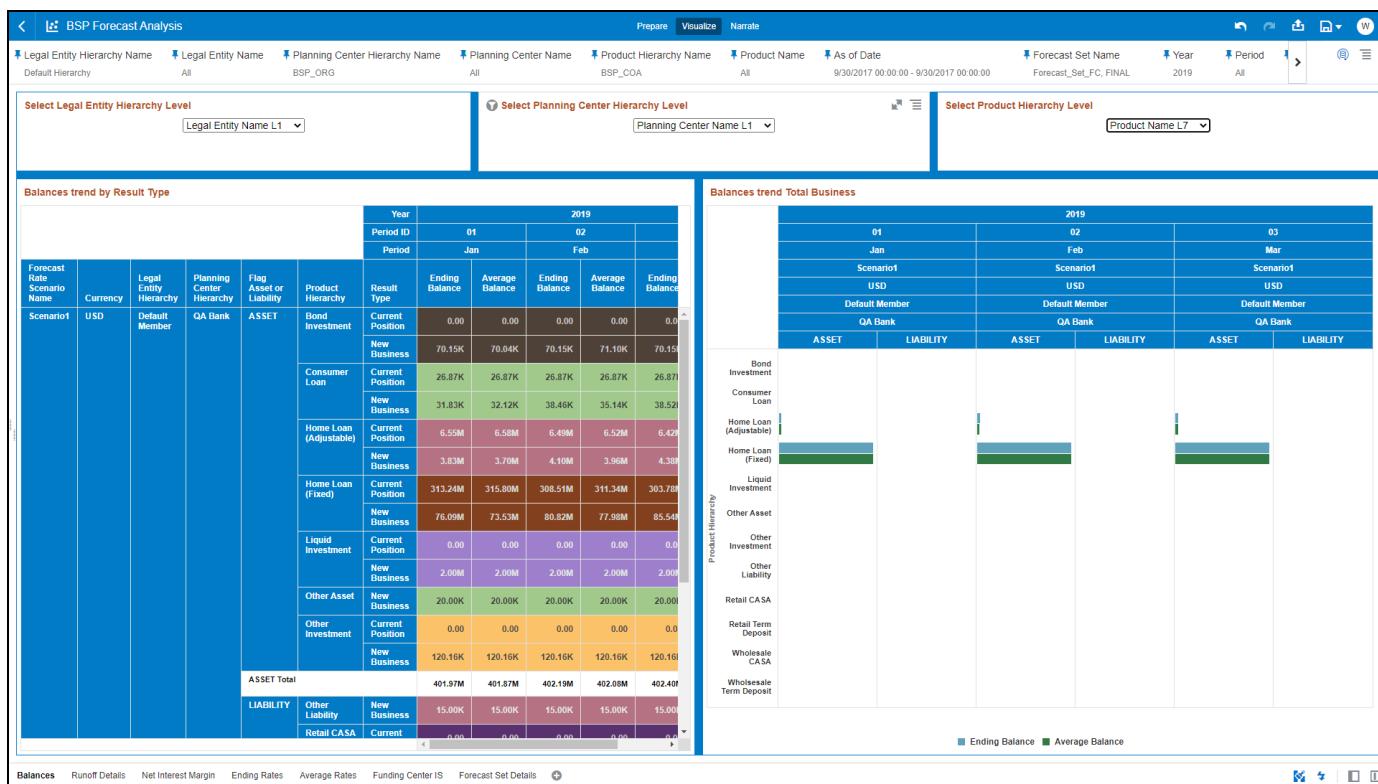
The following screenshot describes how to select a Hierarchy Level for the “Product Hierarchy”.

Figure 28: Selecting Hierarchy Level for the Product Hierarchy



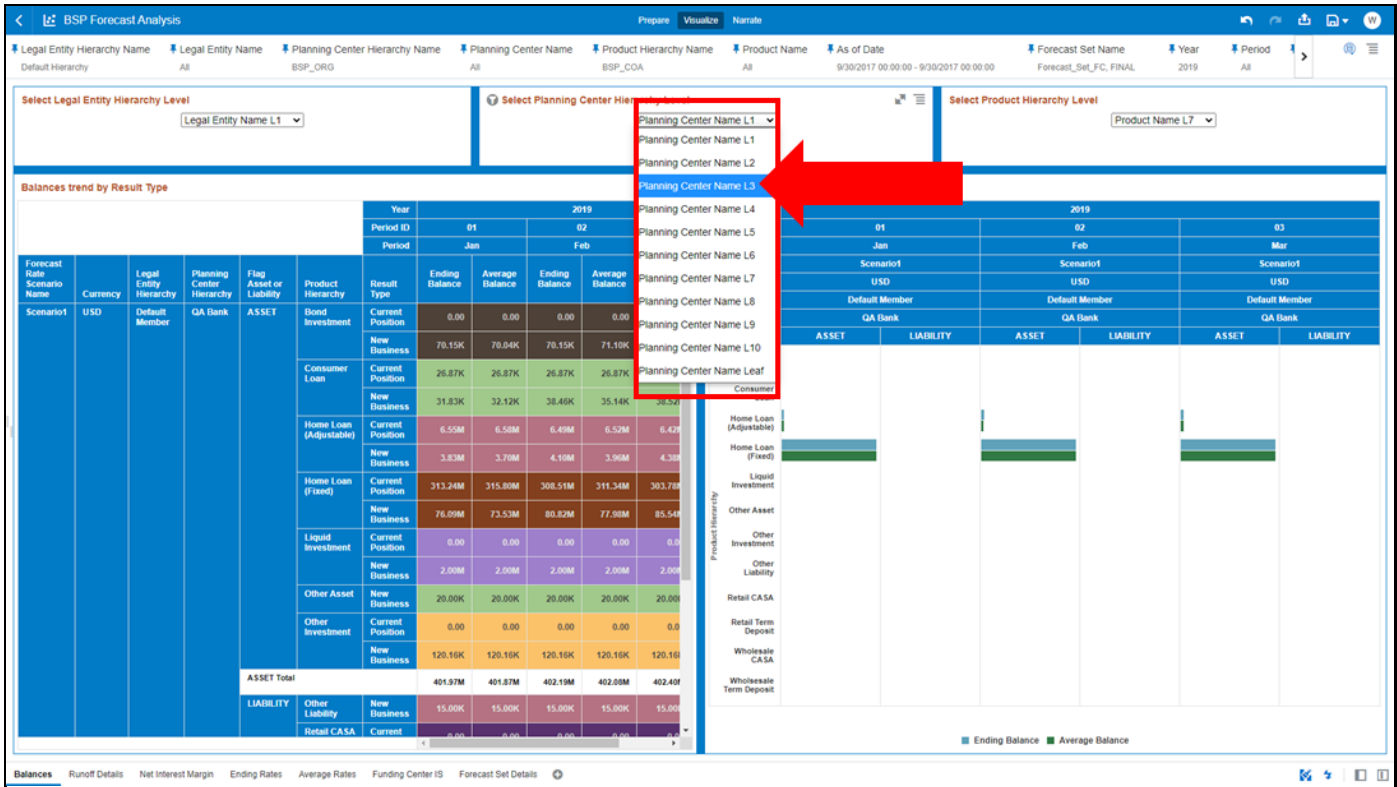
The following screenshot displays the updated Forecast Output results after the selection of the required Hierarchical Level for the “Product Hierarchy”.

Figure 29: Forecast Output Results



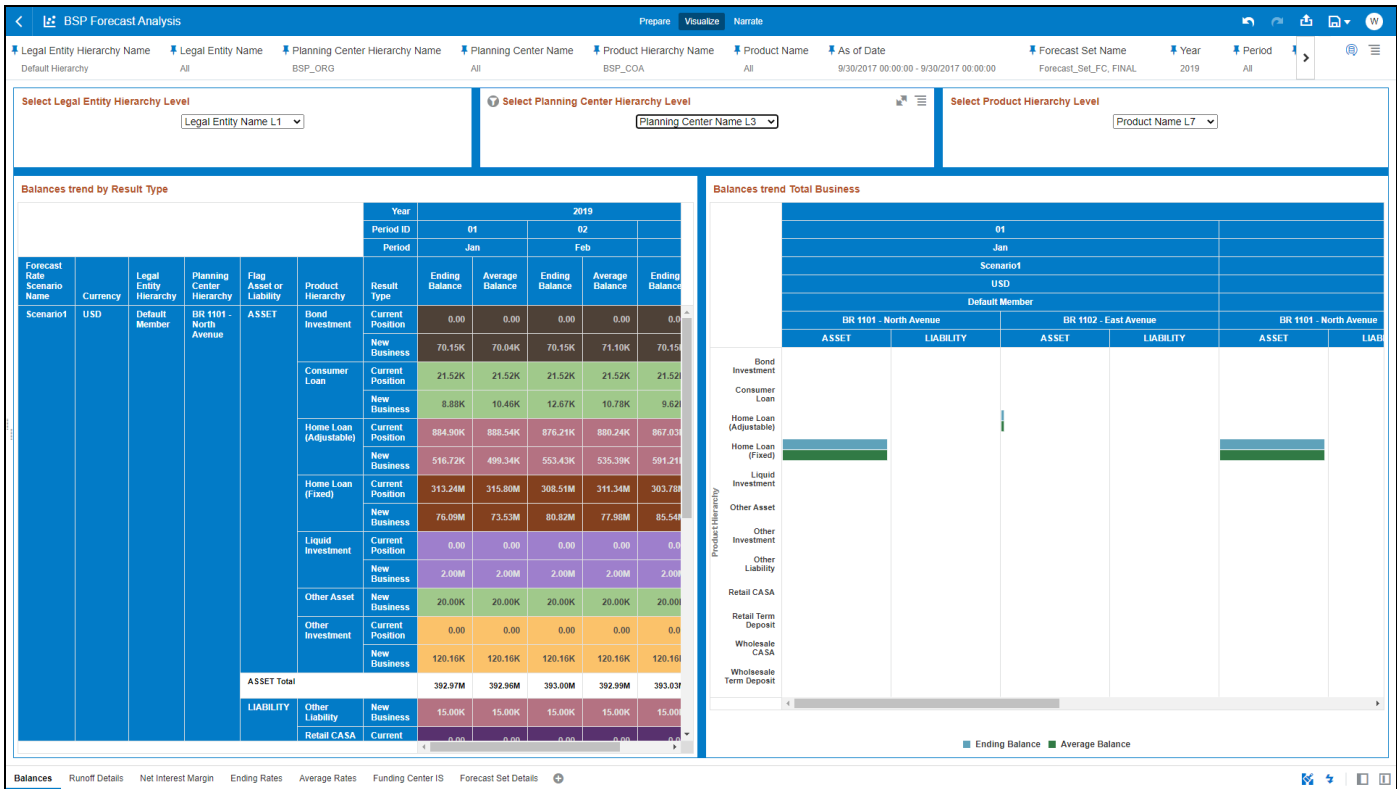
The following screenshot describes how to select a Hierarchy Level for the “Planning Center Hierarchy”.

Figure 30: Hierarchy Level for the Planning Center Hierarchy



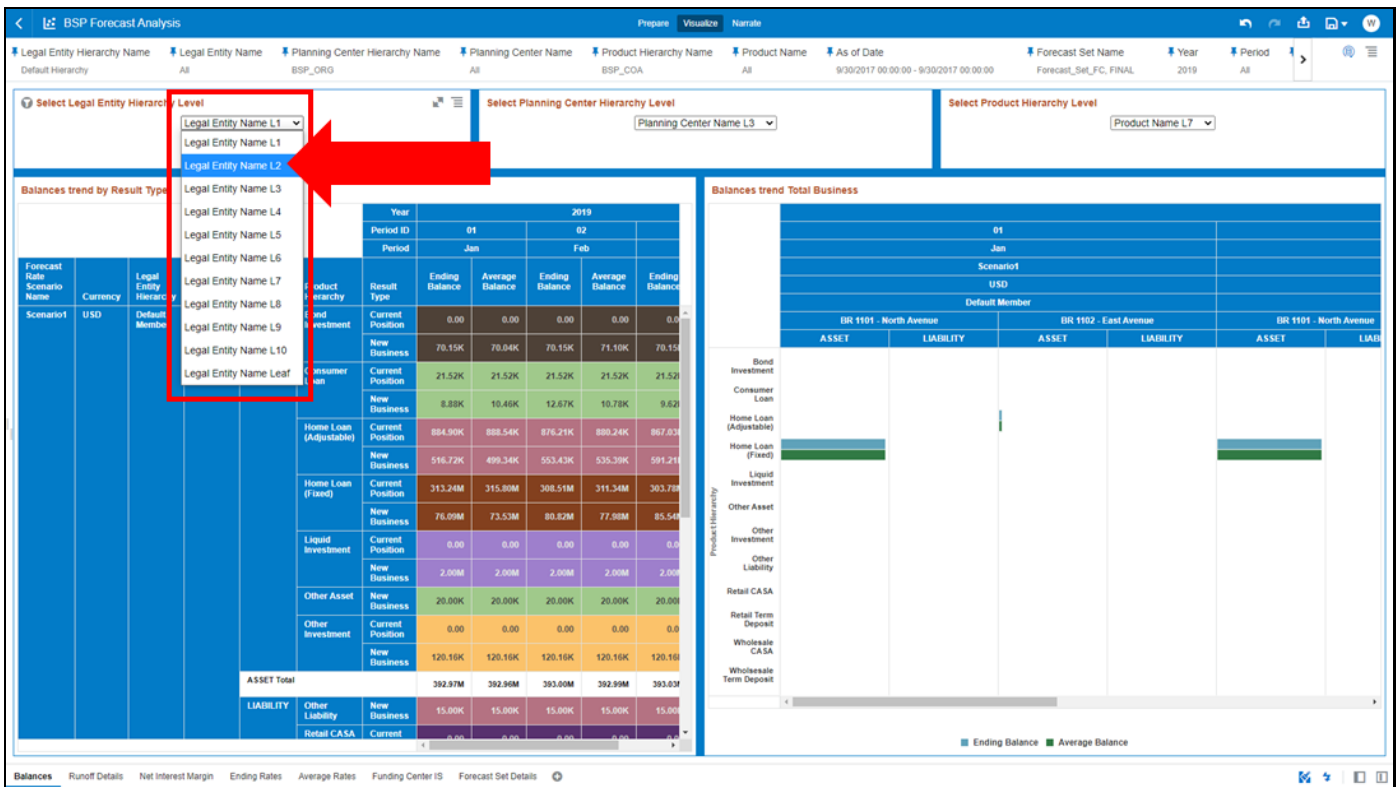
The following screenshot displays the updated Forecast Output results after the selection of the required Hierarchy Level for the “Planning Center Hierarchy”.

Figure 31: Hierarchy Level for the Planning Center Hierarchy



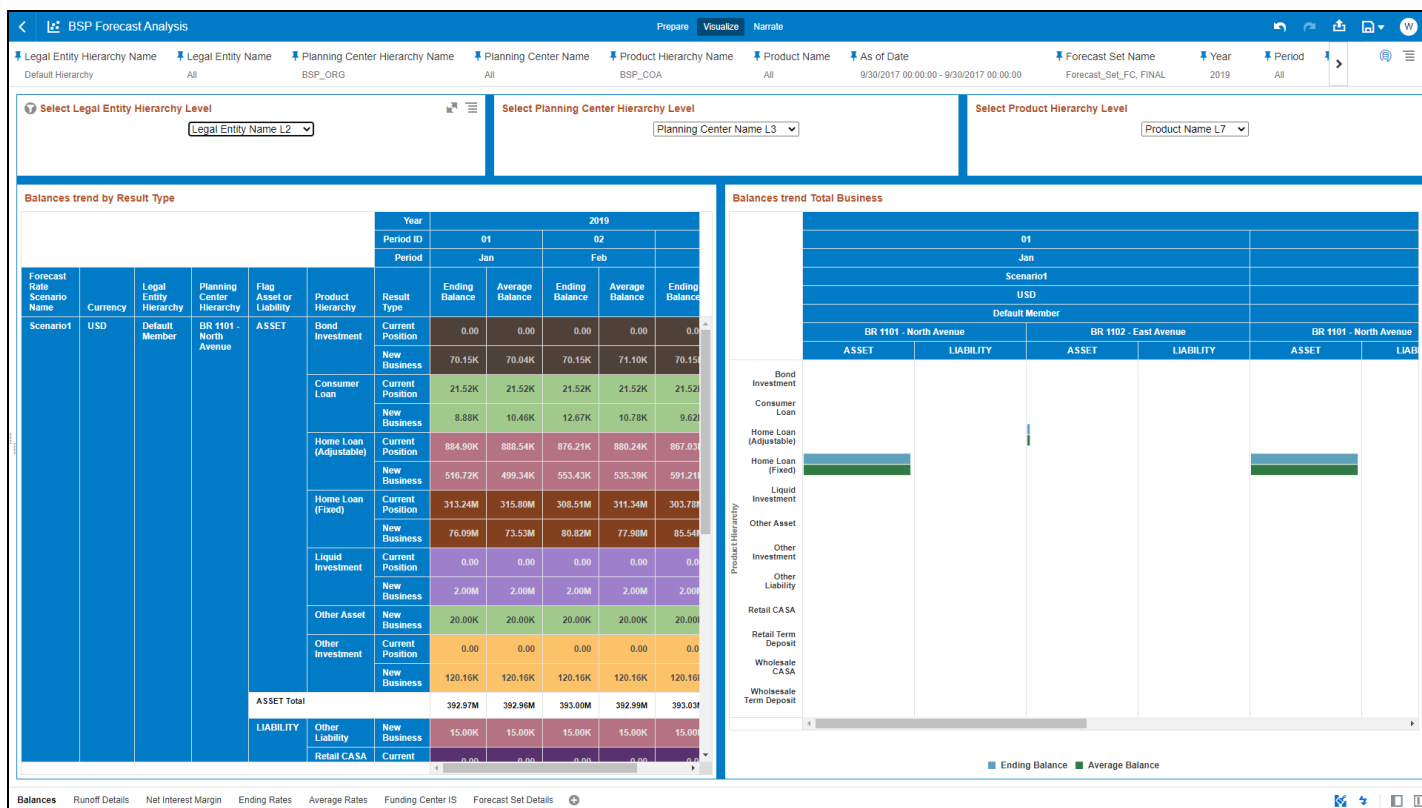
The following screenshot describes how to select a Hierarchy Level for the “Legal Entity Hierarchy”.

Figure 32: Hierarchy Level for the Legal Entity Hierarchy



The following screenshot displays the updated Forecast Output Results after the selection of the required Hierarchy Level for the “Legal Entity Hierarchy”.

Figure 33: Hierarchy Level for the Legal Entity Hierarchy



4 BSP BI Report Navigation and Content Details

This section describes the content available for the BSP BI Reports and how the available metrics are calculated.

Also, a description to navigate the Report content details is available.

4.1 General Remarks BSP BI Report Navigation and Content Details

The following reports are enabling drill-down and roll-up analysis for all Hierarchical Levels as explained in the previous chapter Use Report Hierarchical Levels.

Table 1: List OOTB Reports

SL.No	OOB Reports
1	Balances
2	Runoff Details
3	Net Interest Margin
4	Ending Rates
5	Average Rates
6	Funding Center IS
7	Forecast Set Details

For every report canvas, when doing roll-up and drill-down navigation of the results, the metrics are always displayed by “Asset” and “Liability”.

The following are the screenshots to demonstrate the same.

Figure 34: Metrics in terms of Asset and Liability

Balances trend by Result Type							Year					
							Period ID	2017				
							Period	10	11	12		
								Oct	Nov	Dec		
Forecast Rate	Currency	Legal Entity Hierarchy	Planning Center Hierarchy	Flag Asset or Liability	Product Hierarchy	Result Type	Ending Balance	Average Balance	Ending Balance	Average Balance	Ending Balance	Average Balance
Scenario1	USD	Default Member	QA Bank	ASSET	Total Rollup	Current Position	394.55M	397.16M	387.71M	391.41M	382.88M	385.49M
				ASSET Total		New Business	5.03M	2.33M	12.03M	8.24M	17.04M	14.34M
				LIABILITY	Total Rollup	Current Position	82.50K	82.57K	82.50K	82.50K	81.99K	82.01K
				LIABILITY Total		New Business	6.52K	5.59K	12.25K	11.72K	18.74K	18.07K
							89.02K	88.17K	94.75K	94.22K	100.73K	100.08K

Figure 35: Metrics in terms of Asset and Liability

Balances trend by Result Type															
						Year	2017								
						Period ID	10		11		12				
						Period	Oct		Nov		Dec				
Forecast Rate Scenario Name	Currency	Legal Entity Hierarchy	Planning Center Hierarchy	Flag Asset or Liability	Product Hierarchy	Result Type	Ending Balance	Average Balance	Ending Balance	Average Balance	Ending Balance	Average Balance			
Scenario1	USD	Default Member	QA Bank	ASSET	Bond Investment	Current Position	355.15K	352.49K	355.15K	355.15K	355.15K	355.15K			
						New Business	10.00K	5.00K	23.34K	16.70K	39.20K	31.23K			
					Consumer Loan	Current Position	31.09K	31.14K	31.09K	31.09K	30.29K	31.09K			
						New Business	5.73K	2.87K	1.95K	3.84K	8.51K	4.83K			
					Home Loan (Adjustable)	Current Position	7.50M	7.53M	7.45M	7.47M	7.39M	7.41M			
						New Business	208.36K	108.79K	419.74K	317.86K	636.97K	533.19K			
					Home Loan (Fixed)	Current Position	384.55M	387.14M	379.77M	382.45M	375.00M	377.59M			
						New Business	4.78M	2.19M	9.55M	6.88M	14.33M	11.74M			
					Liquid Investment	Current Position	2.00M	2.00M	0.00	1.00M	0.00	0.00			
						New Business	0.00	0.00	2.00M	1.00M	2.00M	2.00M			
					Other Asset	New Business	20.00K	19.35K	16.00K	16.13K	20.00K	19.87K			
					Other Investment	Current Position	109.24K	109.24K	109.24K	109.24K	109.24K	109.24K			
						New Business	10.92K	5.46K	10.92K	10.92K	10.92K	10.92K			
				ASSET Total						399.58M	399.49M	399.74M	399.66M	399.92M	399.83M
				LIABILITY	Other Liability	New Business	5.00K	4.84K	10.00K	9.83K	15.00K	14.84K			
						Current Position	593.87	593.87	593.87	593.87	593.87	593.87			
					Retail CASA	New Business	118.78	59.39	0.00	59.39	118.78	59.39			
						Current Position	23.33K	23.33K	23.33K	23.33K	23.15K	23.16K			
					Retail Term Deposit	New Business	0.00	0.00	-0.22	0.00	181.75	175.88			
						Current Position	7.52K	7.52K	7.52K	7.52K	7.52K	7.52K			
					Wholesale CASA	New Business	752.15	376.08	1.08K	917.63	1.43K	1.26K			
						Current Position	51.05K	51.13K	51.05K	51.05K	50.73K	50.74K			
					Wholesale Term Deposit	New Business	651.65	319.06	1.17K	910.03	2.01K	1.74K			
						Current Position	89.02K	88.17K	94.75K	94.22K	100.73K	100.08K			
				LIABILITY Total						89.02K	88.17K	94.75K	94.22K	100.73K	100.08K

4.2 BSP BI Report Formulae

The following table describes the BSP BI Reports Formulae used to calculate the displayed related Report Metrics.

Table 2: BI Report Formulae

Report Name	Report Metrics	Formula Financial Element Id	Formula Financial Element Name	Report Metrics Formula
Balances	Ending Balance	100	Ending Balance	SUM(100)
	Average Balance	140	Average Balance	SUM(140)
Runoff Details	New Add Balance	340	New Add Balance	SUM(340)
	Total Runoff	210	Total Runoff - Positive	SUM(210+212)
		212	Total Runoff - Negative	
	Payment Runoff	190	Payment Runoff - Positive	SUM(190+192)
		192	Payment Runoff - Negative	
	Maturity Runoff	195	Maturity Runoff - Positive	SUM(195+197)

Report Name	Report Metrics	Formula Financial Element Id	Formula Financial Element Name	Report Metrics Formula
		197	Maturity Runoff - Negative	
	Prepayment Runoff	180	Prepay Runoff - Positive	SUM(180+182)
		182	Prepay Runoff - Negative	
	Core Non-Maturity Runoff	200	Core Non-Maturity Runoff	SUM(200)
	Volatile Non-Maturity Runoff	202	Volatile Non-Maturity Runoff	SUM(202)
	Deferred Runoff	540	Deferred Runoff	SUM(540)
Net Interest Margin	Net Interest Margin	440	Interest Accrued	SUM(440-450-414-415-416-417)
		450	Transfer Rate Charge/Credit	
		414	Liquidity Adjustment Charge/Credit	
		415	Basis Risk Cost Charge/Credit	
		416	Pricing Incentive Charge/Credit	
		417	Other Adjustment Charge/Credit	
	Interest Accrued	440	Interest Accrued	SUM(440)
	Transfer Rate Charge/Credit	450	Transfer Rate Charge/Credit	SUM(450)
	Liquidity Adjustment Charge/Credit	414	Liquidity Adjustment Charge/Credit	SUM(414)
	Basis Risk Cost Charge/Credit	415	Basis Risk Cost Charge/Credit	SUM(415)
	Pricing Incentive Charge/Credit	416	Pricing Incentive Charge/Credit	SUM(416)
	Other Adjustment Charge/Credit	417	Other Adjustment Charge/Credit	SUM(417)
Ending Rates	Ending Net Interest Spread	120	Ending Net Rate	AVG((120-130-131-132-133-134)/100)
		130	Ending Transfer Rate	
		131	Ending Liquidity Adjustment Rate	
		132	Ending Basis Risk Cost Rate	
		133	Ending Pricing Incentive Cost Rate	
		134	Ending Other Adjustment Rate	

Report Name	Report Metrics	Formula Financial Element Id	Formula Financial Element Name	Report Metrics Formula
		100	Ending Balance	
	Ending Net Rate	120	Ending Net Rate	AVG(120/100)
		100	Ending Balance	
	Ending Transfer Rate	130	Ending Transfer Rate	AVG(130/100)
		100	Ending Balance	
	Ending Liquidity Adjustment Rate	131	Ending Liquidity Adjustment Rate	AVG(131/100)
		100	Ending Balance	
	Ending Basis Risk Cost Rate	132	Ending Basis Risk Cost Rate	AVG(132/100)
		100	Ending Balance	
	Ending Pricing Incentive Cost Rate	133	Ending Pricing Incentive Cost Rate	AVG(133/100)
		100	Ending Balance	
	Ending Other Adjustment Rate	134	Ending Other Adjustment Rate	AVG(134/100)
		100	Ending Balance	
	Average Net Interest Spread	160	Average Net Rate	AVG((160-170-174-175-176-177)/140)
		170	Average Transfer Rate	
		174	Average Liquidity Adjustment Rate	
		175	Average Basis Risk Cost Rate	
		176	Average Pricing Incentive Rate	
		177	Average Other Adjustment Rate	
		140	Average Balance	
	Average Net Rate	160	Average Net Rate	AVG(160/140)
		140	Average Balance	
	Average Transfer Rate	170	Average Transfer Rate	AVG(170/140)
		140	Average Balance	
	Average Liquidity Adjustment Rate	174	Average Liquidity Adjustment Rate	AVG(174/140)
		140	Average Balance	
	Average Basis Risk Cost Rate	175	Average Basis Risk Cost Rate	AVG(175/140)
		140	Average Balance	
		176	Average Pricing Incentive Rate	AVG(176/140)

Report Name	Report Metrics	Formula Financial Element Id	Formula Financial Element Name	Report Metrics Formula
	Average Pricing Incentive Rate	140	Average Balance	AVG(177/140)
	Average Other Adjustment Rate	177	Average Other Adjustment Rate	
		140	Average Balance	
Funding Center IS	Net Interest Margin	414	Liquidity Adjustment Charge/Credit	SUM(450+414+415+416+417)
		415	Basis Risk Cost Charge/Credit	
		416	Pricing Incentive Charge/Credit	
		417	Other Adjustment Charge/Credit	
		450	Transfer Rate Charge/Credit	
	IS Liquidity Adjustment Charge/Credit	414	Liquidity Adjustment Charge/Credit	SUM(414)
	IS Basis Risk Cost Charge/Credit	415	Basis Risk Cost Charge/Credit	SUM(415)
	IS Pricing Incentive Charge/Credit	416	Pricing Incentive Charge/Credit	SUM(416)
	IS Other Adjustment Charge/Credit	417	Other Adjustment Charge/Credit	SUM(417)
	IS Transfer Rate Charge/Credit	450	Transfer Rate Charge/Credit	SUM(450)

4.3 BSP BI Report List

BSP BI Reports are out-of-the-box prebuilt reports which cater to results on the Forecast Run. The following listed reports are readily available in the Report Canvases with pre-computed metrics (see the [BSP BI Report Formulae](#) Section for more details) when the relevant data is made available as part of Instrument Data.

Table 3: BSP OOTB Reports

SL.No	OOB Reports
1	Balances
2	Runoff Details
3	Net Interest Margin
4	Ending Rates
5	Average Rates

SL.No	OOB Reports
6	Funding Center IS
7	Forecast Set Details

The following sections describe each report in detail and with available metrics.

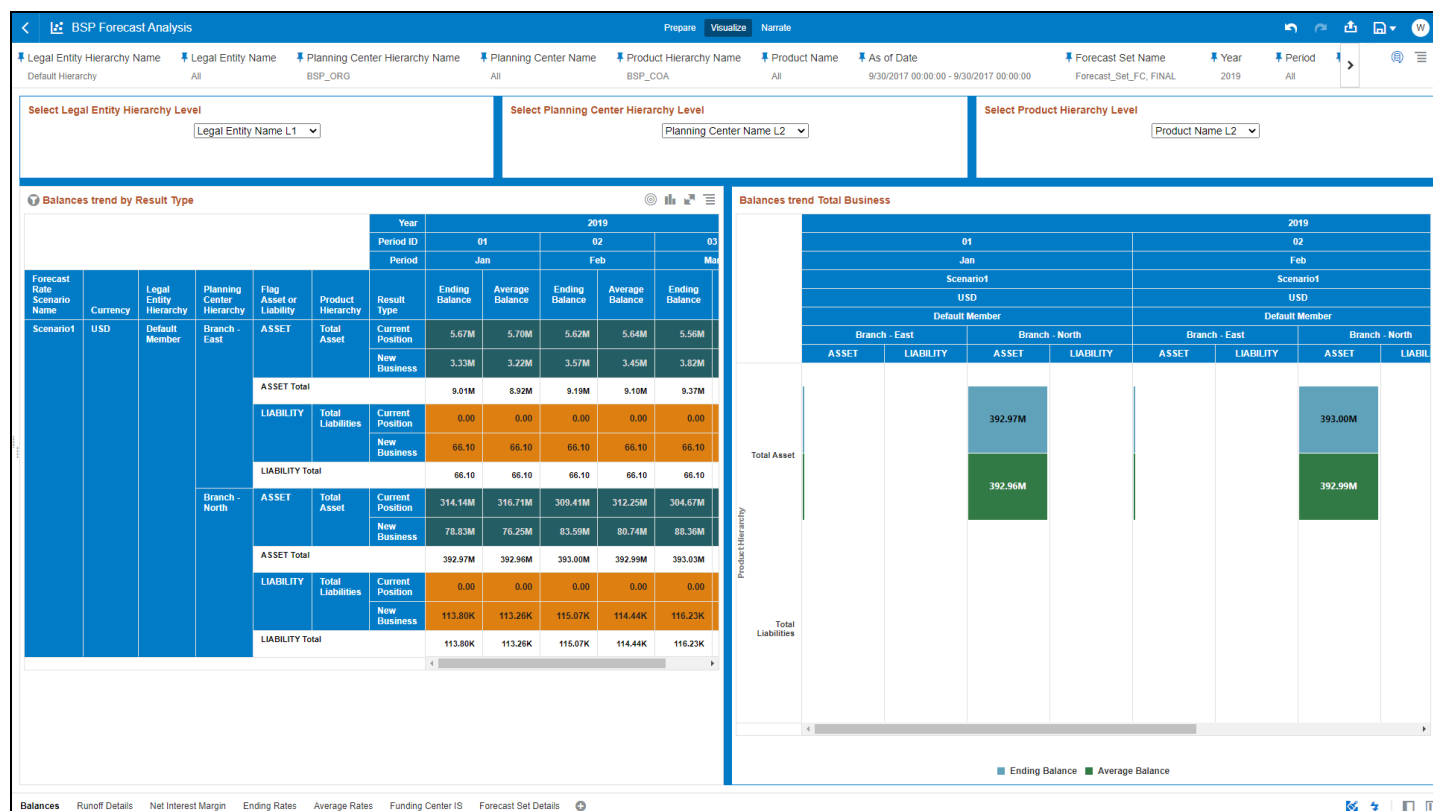
4.3.1 Balances

BSP Forecast Analysis Page is the gateway to all BSP OOB Reports and related functionality of the Project. From this Page, you can navigate to other related Pages. The following content is related to the “Balances” Report Canvas.

On the header of the BSP Forecast Analysis Page, you can perform a filter option to streamline data as per your operational focus.

BSP Balances focus to provide information on current Positions and New Businesses using Ending Balance and Average Balances. Additionally, optional report drivers can be leveraged to further focus on Balance Sheet Forecasting “Balances” classified by Assets & Liabilities.

Figure 36: BSP Forecast Analysis - Balances



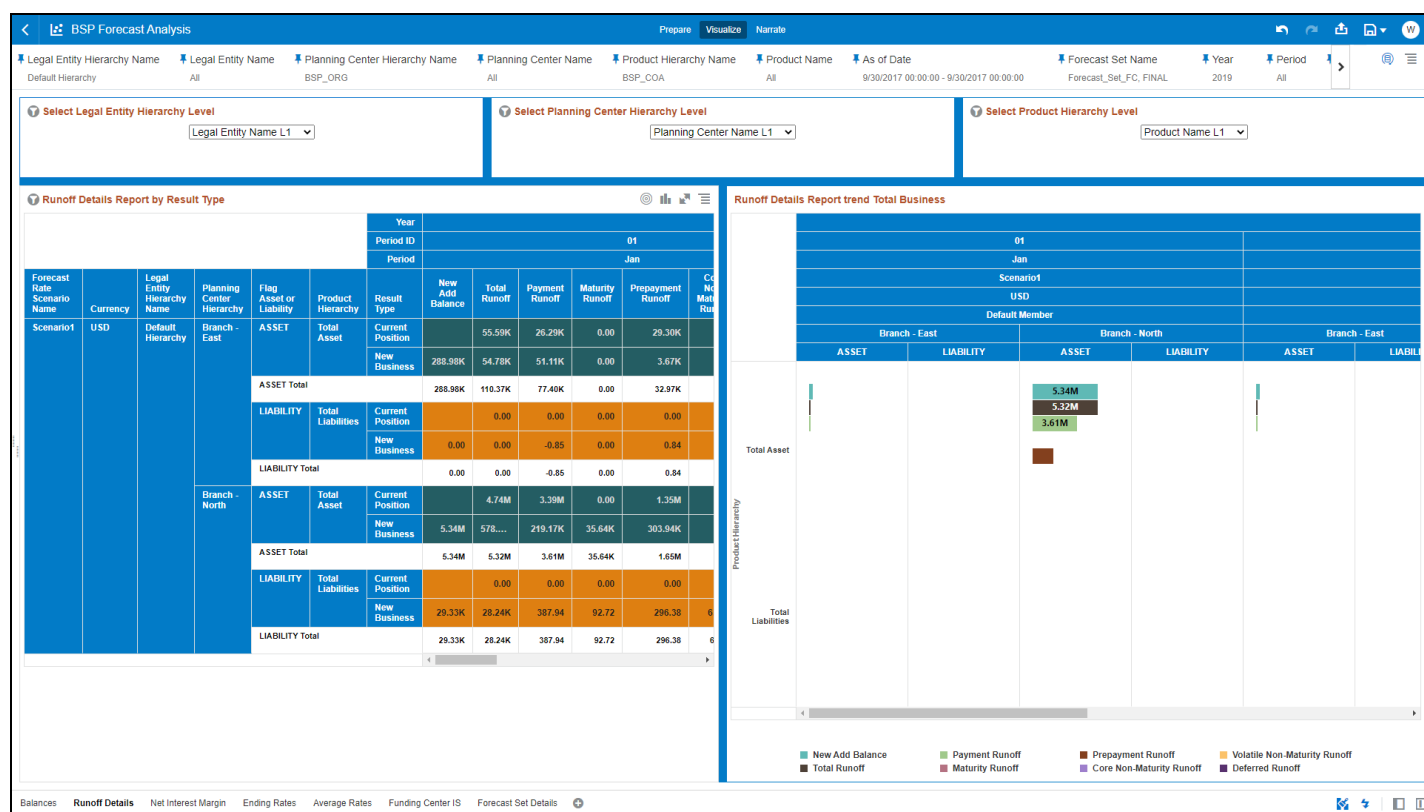
4.3.2 Runoff Details

BSP Forecast Analysis Page is the gateway to all BSP OOTB Reports and related functionality of the Project. From this Page, you can navigate to other related Pages. The following content is related to the “Runoff Details” Report Canvas.

On the header of the BSP Forecast Analysis Page, you can perform a filter operation to streamline data as per your operational focus.

BSP Runoff Details focuses to provide information on current Positions and New Businesses using New Add Balance, Total Runoff, Payment Runoff, Maturity Runoff, Prepayment Runoff, Core Non-Maturity Runoff, and Volatile Non-Maturity Runoff. Additionally, optional report drivers can be leveraged to further focus on Balance Forecasting “Runoff Details” classified by Assets & Liabilities.

Figure 37: BSP Forecast Analysis –Runoff Details



4.3.3 Net Interest Margin

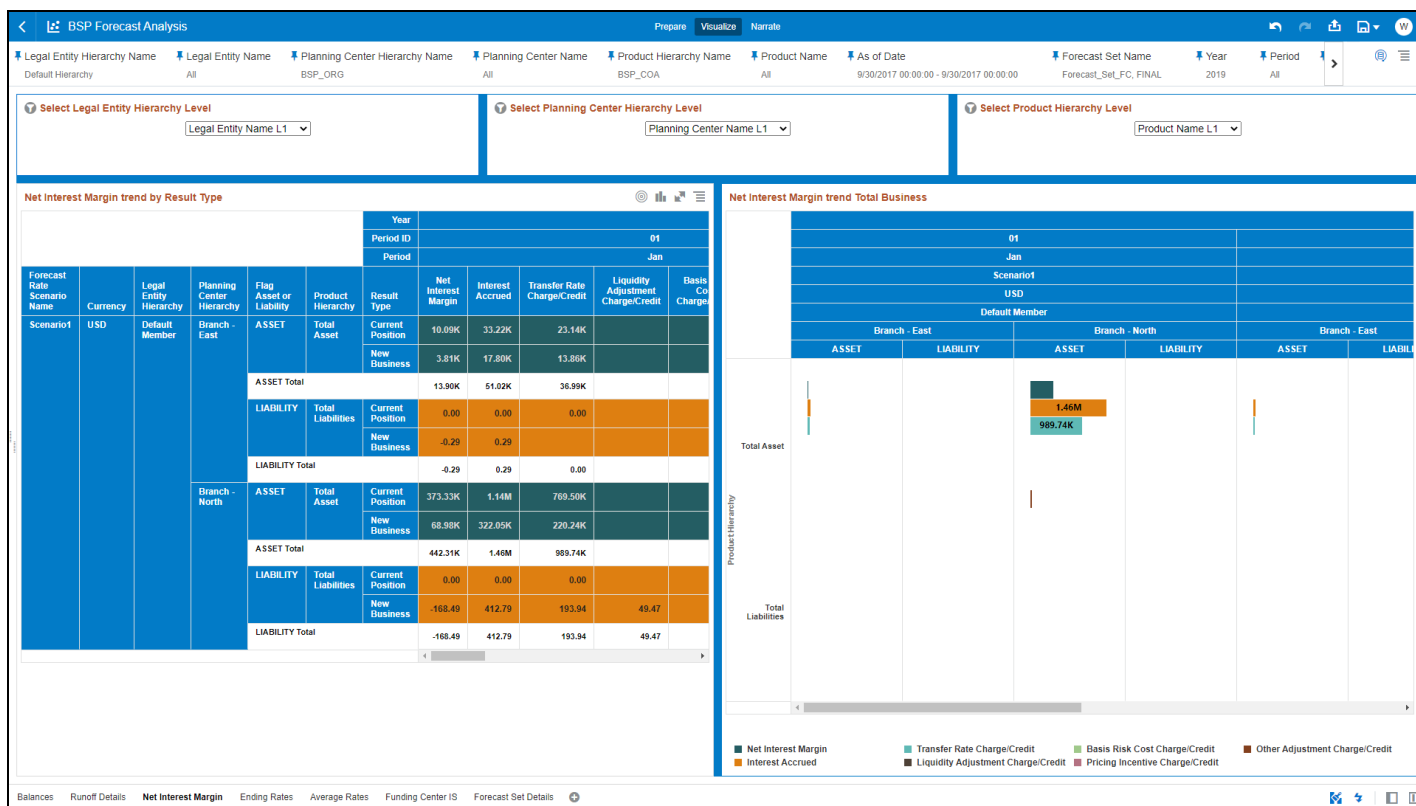
BSP Forecast Analysis Page is the gateway to all BSP OOB Reports and related functionality of the Project. From this Page, you can navigate to other related Pages. The following content is related to the “Net Interest Margin” Report Canvas.

On the header of the BSP Forecast Analysis Page, you can perform a filter operation to streamline data as per your operational focus.

BSP Runoff Details focus to provide information on current Position and New business using Net Interest Margin, Interest Accrued, Transfer Rate Charge/Credit, Liquidity Adjustment Charge/Credit, Basis Risk Cost Charge/Credit, Pricing Incentive Charge/Credit, and Other Adjustment Charge/Credit. Additionally,

Optional Report Drivers can be leveraged to further focus on Balance forecasting “Net Interest Margin” classified by Assets & Liabilities.

Figure 38: BSP Forecast Analysis – Net Interest Margin



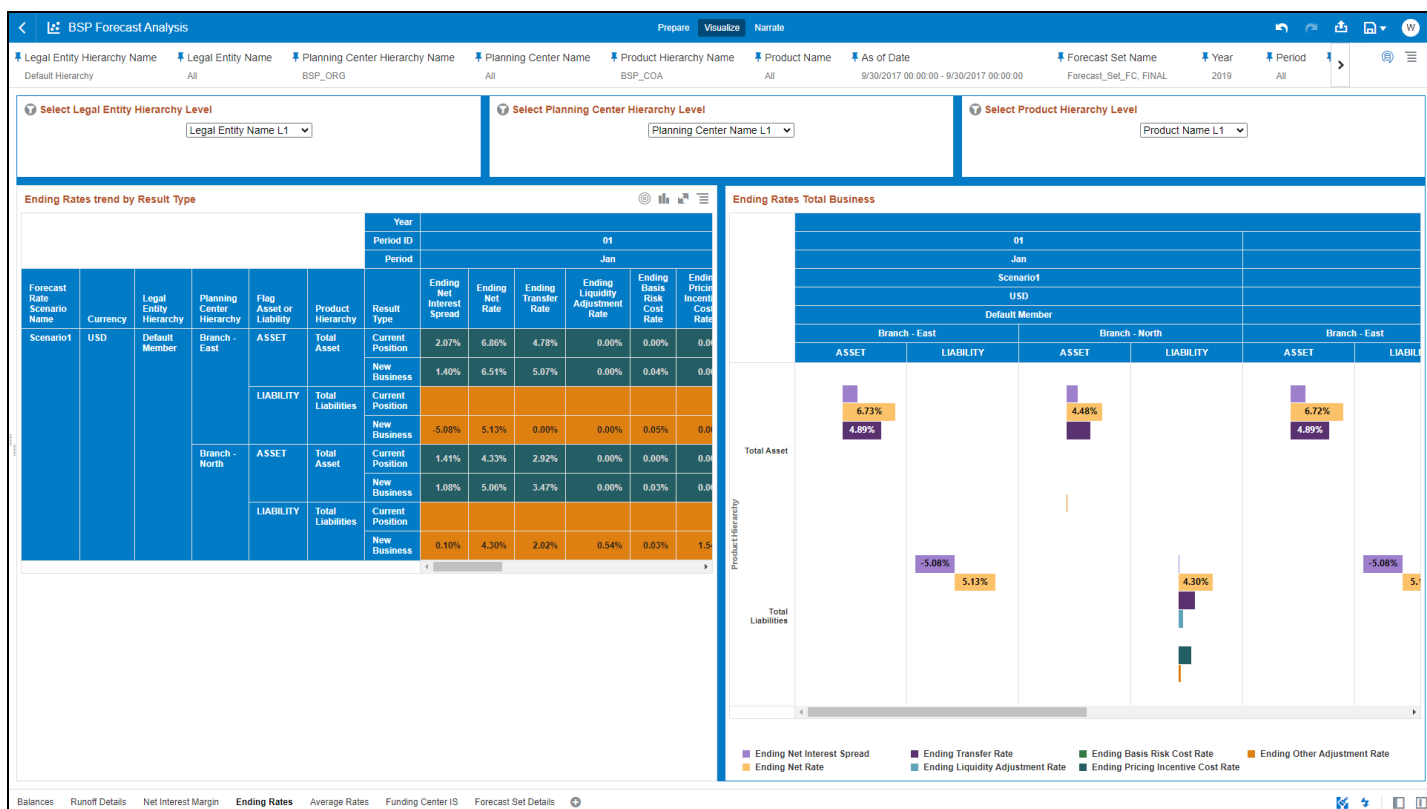
4.3.4 Ending Rates

BSP Forecast Analysis Page is the gateway to all the BSP OOB Reports and related functionality of the Project. From this Page, you can navigate to the other related Pages. The following content is related to the “Ending Rates” Report Canvas.

On the header of the BSP Forecast Analysis Page, you can perform a filter operation to streamline the data as per your operational focus.

BSP Runoff Details focus to provide the information on current Position and New business using Ending Net Interest Spread, Ending Net Rate, Ending Transfer Rate, Ending Liquidity Adjustment Rate, Ending Basis Risk Cost Rate, Ending Pricing Incentive Cost Rate, and Ending Other Adjustment Rate. Also, optional report drivers can be leveraged to further focus on Balance forecasting “Ending Rates” classified by Assets & Liabilities.

Figure 39: BSP Forecast Analysis – Ending Rates



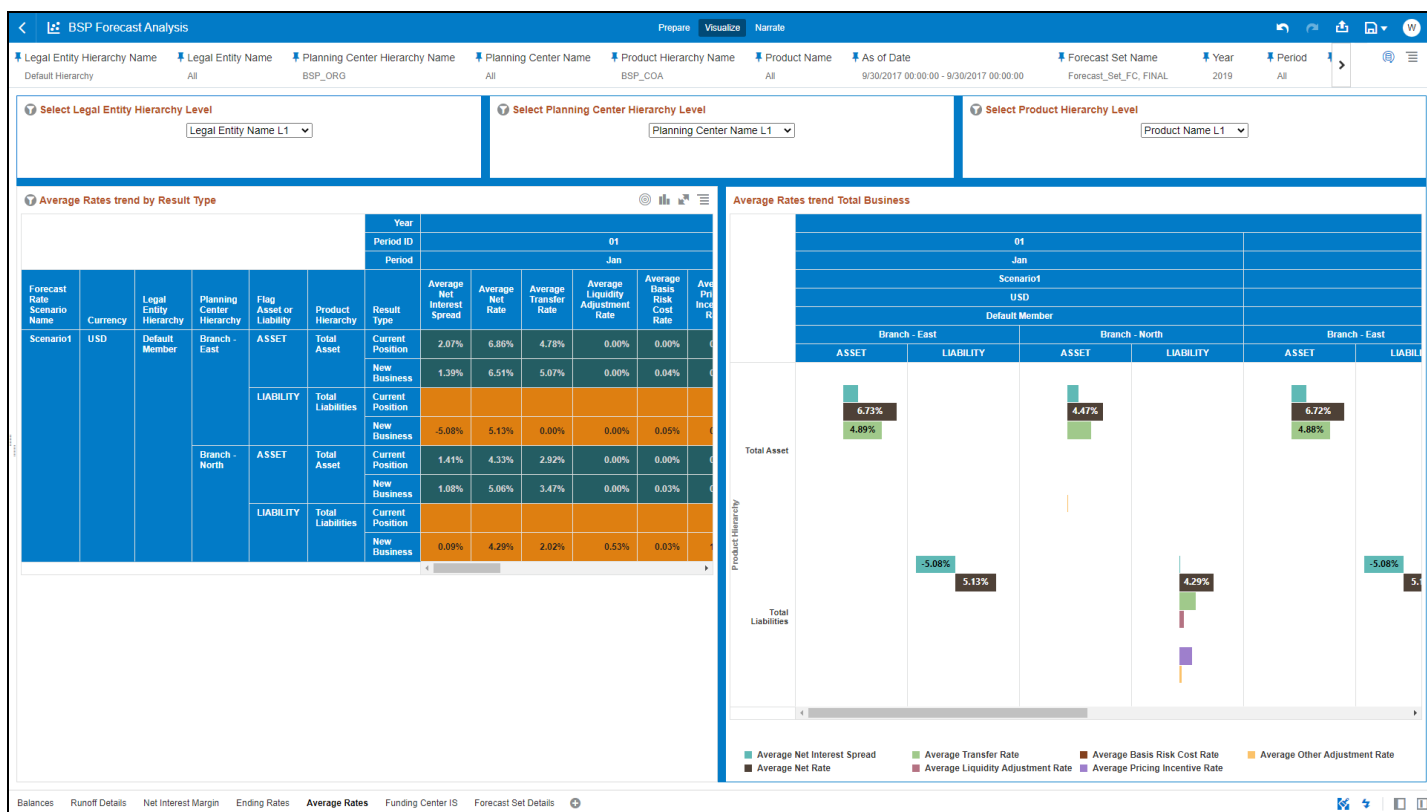
4.3.5 Average Rates

BSP Forecast Analysis Page is the gateway to all BSP OOB Reports and related functionality of the Project. From this Page, you can navigate to the other related Pages. The following content is related to the “Average Rates” Report Canvas.

On the header of the BSP Forecast Analysis Page, you can perform a filter operation to streamline data as per your operational focus.

BSP Runoff Details focuses to provide information on current Position and New business using Average Net Interest Spread, Average Net Rate, Average Transfer Rate, Average Liquidity Adjustment Rate, Average Basis Risk Cost Rate, Average Pricing Incentive Rate, and Average Other Adjustment Rate. Additionally, Optional Report Drivers can be leveraged to further focus on Balance Forecasting “Average Rates” classified by Assets & Liabilities.

Figure 40: BSP Forecast Analysis – Average Rates



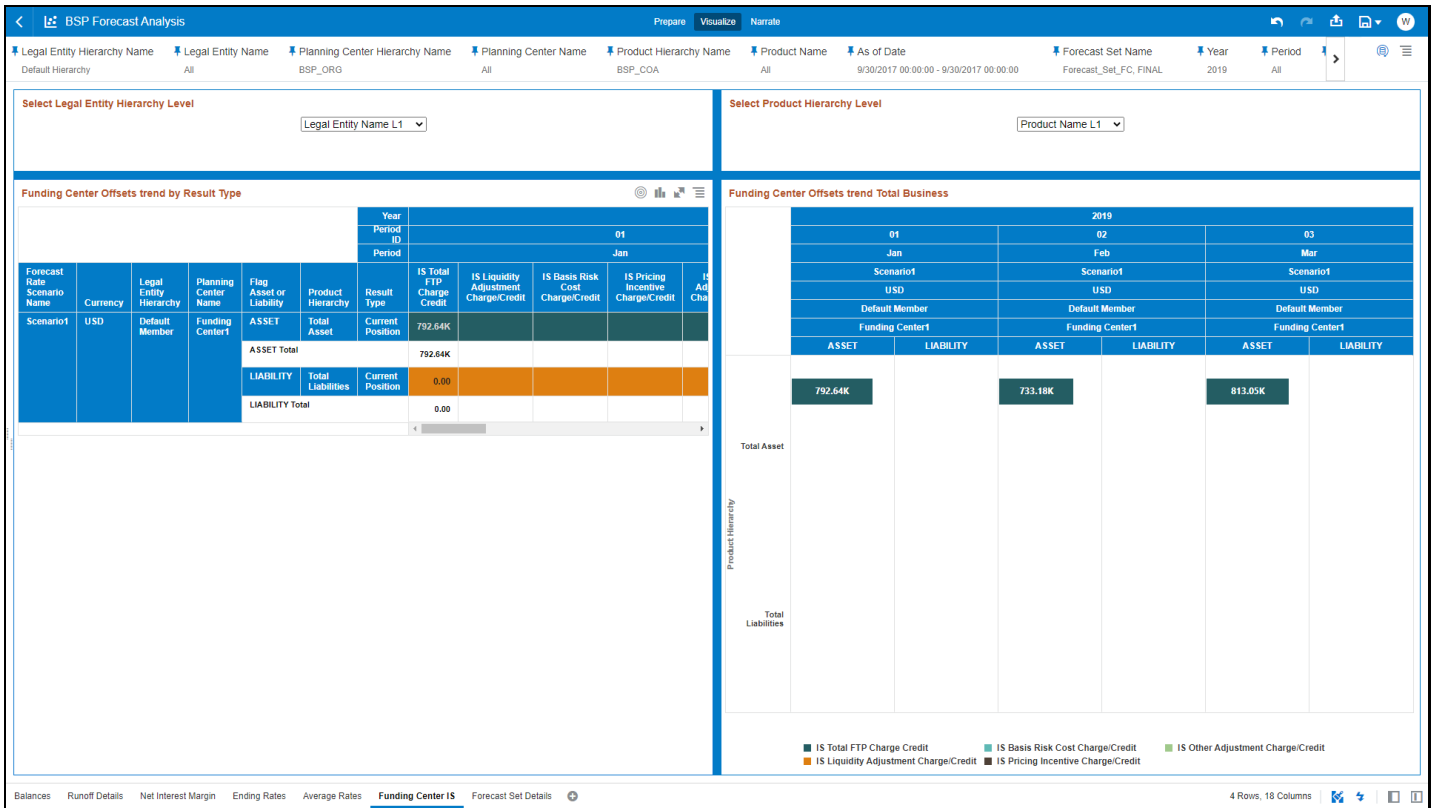
4.3.6 Funding Center IS (Income Statement)

BSP Forecast Analysis Page is the gateway to all the BSP OOB Reports and related functionality of the Project. From this Page, you can navigate to other related Pages. The following content is related to the “Funding Center IS” Report Canvas.

On the header of the BSP Forecast Analysis Page, you can perform a filter operation to streamline data as per your operational focus.

BSP Runoff Details focuses to provide information on Current Position and New Business IS Total FTP Charge Credit, IS Liquidity Adjustment Charge/Credit, IS Basis Risk Cost Charge/Credit, IS Pricing Incentive Charge/Credit, IS Other Adjustment Charge/Credit and IS Transfer Rate Charge/Credit. Additionally, Optional Report Drivers can be leveraged to further focus on Balance forecasting “Funding Center IS” classified by Assets & Liabilities.

Figure 41: BSP Forecast Analysis – Funding Center Income Statement



4.3.7 Forecast Set Details

BSP Forecast Analysis Page is the gateway to all BSP OOB Reports and related functionality of the Project. From this Page, you can navigate to other related Pages. The following content is related to the “Forecast Set Details” Report Canvas.

On the header of the BSP Forecast Analysis Page, you can perform a filter operation to streamline data as per your operational focus.

Figure 42: BSP Forecast Analysis – Forecast Set Details

In addition to Mandatory Report Drivers and Optional Report Drivers in the Forecast Set Details Report, we can select granular “Financial Element ID” and “Financial Element Name” as shown on the following screenshot.

Figure 43: BSP Forecast Analysis – Financial Element ID and Name

The following screenshot describes the procedure to download the Forecast Set Details to a CSV file.

1. Click the Export button on the top right-hand side.
2. Select the “File” option in the prompted pane.
3. Select “Data (CSV)” for the format option.
4. Click on Save and retrieve the downloaded file.

Figure 44: Forecast Set Details Report

BSP Forecast Analysis Prepare Visualize Narrate

Product Hierarchy Name: BSP_COA Product Name: All As of Date: 9/30/2017 00:00:00 - 9/30/2017 00:00:00 Forecast Set Name: Forecast_Set_FC_FINAL Year: 2019 Period: All Forecast Rate Scenario Name: All Currency: All Result Type: All Financial Element: All

Export:    

Forecast Set Details

As of Date	Year	Period ID	Period	Result Sys ID	Forecast Set ID	Forecast Set Name	Forecast Rate Scenario ID	Forecast Rate Scenario Name	Currency	Legal Entity ID	Legal Entity Name	Planning Center ID	Planning Center Name	App Preference Selection	Product ID	Product Name	Flag Asset or Liability	Financial Element ID	Financial Element	Result Type ID	Result Type	Financial Element Value
09/30/2017 12:00:00 AM	2019	01	Jan	-1	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1103	Funding Center1	COA	30201	Home Loan (Fixed)	ASSET	450	Transfer Rate Charge/Credit	0	Current Position	-765.6994K
09/30/2017 12:00:00 AM	2019	01	Jan	-1	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1103	Funding Center1	COA	30202	Home Loan (Adjustable)	ASSET	450	Transfer Rate Charge/Credit	0	Current Position	-26.6866K
09/30/2017 12:00:00 AM	2019	01	Jan	-1	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1103	Funding Center1	COA	30203	Consumer Loan	ASSET	450	Transfer Rate Charge/Credit	0	Current Position	-255.2900
09/30/2017 12:00:00 AM	2019	01	Jan	-1	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1103	Funding Center1	COA	50201	Wholesale Term Deposit	LIABILITY	450	Transfer Rate Charge/Credit	0	Current Position	0.0000
09/30/2017 12:00:00 AM	2019	01	Jan	-1	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1103	Funding Center1	COA	50202	Retail Term Deposit	LIABILITY	450	Transfer Rate Charge/Credit	0	Current Position	0.0000
09/30/2017 12:00:00 AM	2019	01	Jan	-1	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1103	Funding Center1	COA	60201	Retail CASA	LIABILITY	450	Transfer Rate Charge/Credit	0	Current Position	0.0000
09/30/2017 12:00:00 AM	2019	01	Jan	-1	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1103	Funding Center1	COA	60202	Wholesale CASA	LIABILITY	450	Transfer Rate Charge/Credit	0	Current Position	0.0000
09/30/2017 12:00:00 AM	2019	01	Jan	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	60	Beginning Balance	0	Current Position	317.9689M
09/30/2017 12:00:00 AM	2019	01	Jan	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	60	Beginning Balance	1	New Business	71.3570M
09/30/2017 12:00:00 AM	2019	01	Jan	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	80	Beginning Net Rate	0	Current Position	13.7440M
09/30/2017 12:00:00 AM	2019	01	Jan	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	80	Beginning Net Rate	1	New Business	3.5678M
09/30/2017 12:00:00 AM	2019	01	Jan	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	90	Beginning Transfer Rate	0	Current Position	9.2591M
09/30/2017 12:00:00 AM	2019	01	Jan	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	90	Beginning Transfer Rate	1	New Business	2.5332M
09/30/2017 12:00:00 AM	2019	01	Jan	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	92	Beginning Basis Risk Cost Rate	1	New Business	24.9749K
09/30/2017 12:00:00 AM	2019	01	Jan	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	94	Beginning Other Adjustment Rate	1	New Business	356.7849K
09/30/2017 12:00:00 AM	2019	01	Jan	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	100	Ending Balance	0	Current Position	313.2367M
09/30/2017 12:00:00 AM	2019	01	Jan	200265	200260	Forecast_Set_FC_FINAL	1	Scenario1	USD	-1	Default Member	1101	BR 1101 - North Avenue	COA	30201	Home Loan (Fixed)	ASSET	100	Ending Balance	1	New Business	76.0892M

Balances Runoff Details Net Interest Margin Ending Rates Average Rates Funding Center IS Forecast Set Details

1001+ Rows, 23 Col...

5 **BSP BI Report Custom Configuration**

This section describes the operations required to extend the default BSP BI Report Navigation Levels of the Hierarchies described in the previous chapter Use Report Hierarchical Levels as per your Organization's requirements.

5.1 **Defaulted Hierarchical levels**

The defaulted Optional Report Drivers for the following Hierarchies are available up to level 10.

- Legal Entity Hierarchy
- Planning Center Hierarchy
- Product Hierarchy

The same can be extended to the maximum permissible level of 20 as described in the following section.

Note that whenever a Hierarchical Level Value is not available, then Leaf Level Dimension Value is repeated for all subsequent levels till the 20th.

5.2 **Amend Default Hierarchical levels**

The following section describes the steps to amend the BSP BI Report Navigation Levels of the Hierarchies described in the previous chapter Use Report Hierarchical Levels.

The changes are required to the following Report Canvases (note that there are no hierarchies available in the "Forecast Details" Report Canvas and therefore, no changes are required on it):

- Balances – required changes to the following variable prompt charts:
 - Select Legal Entity Hierarchy Level
 - Select Planning Center Hierarchy Level
 - Select Product Hierarchy Level
- Runoff Details – required changes to the following variable prompt charts:
 - Select Legal Entity Hierarchy Level
 - Select Planning Center Hierarchy Level
 - Select Product Hierarchy Level
- Net Interest Margin – required changes to the following variable prompt charts:
 - Select Legal Entity Hierarchy Level
 - Select Planning Center Hierarchy Level
 - Select Product Hierarchy Level
- Ending Rates – required changes to the following variable prompt charts:
 - Select Legal Entity Hierarchy Level
 - Select Planning Center Hierarchy Level
 - Select Product Hierarchy Level

- Average Rates – required changes to the following variable prompt charts:
 - Select Legal Entity Hierarchy Level
 - Select Planning Center Hierarchy Level
 - Select Product Hierarchy Level
- Funding Center IS – required changes to the following variable prompt charts:
 - Select Legal Entity Hierarchy Level
 - Select Product Hierarchy Level

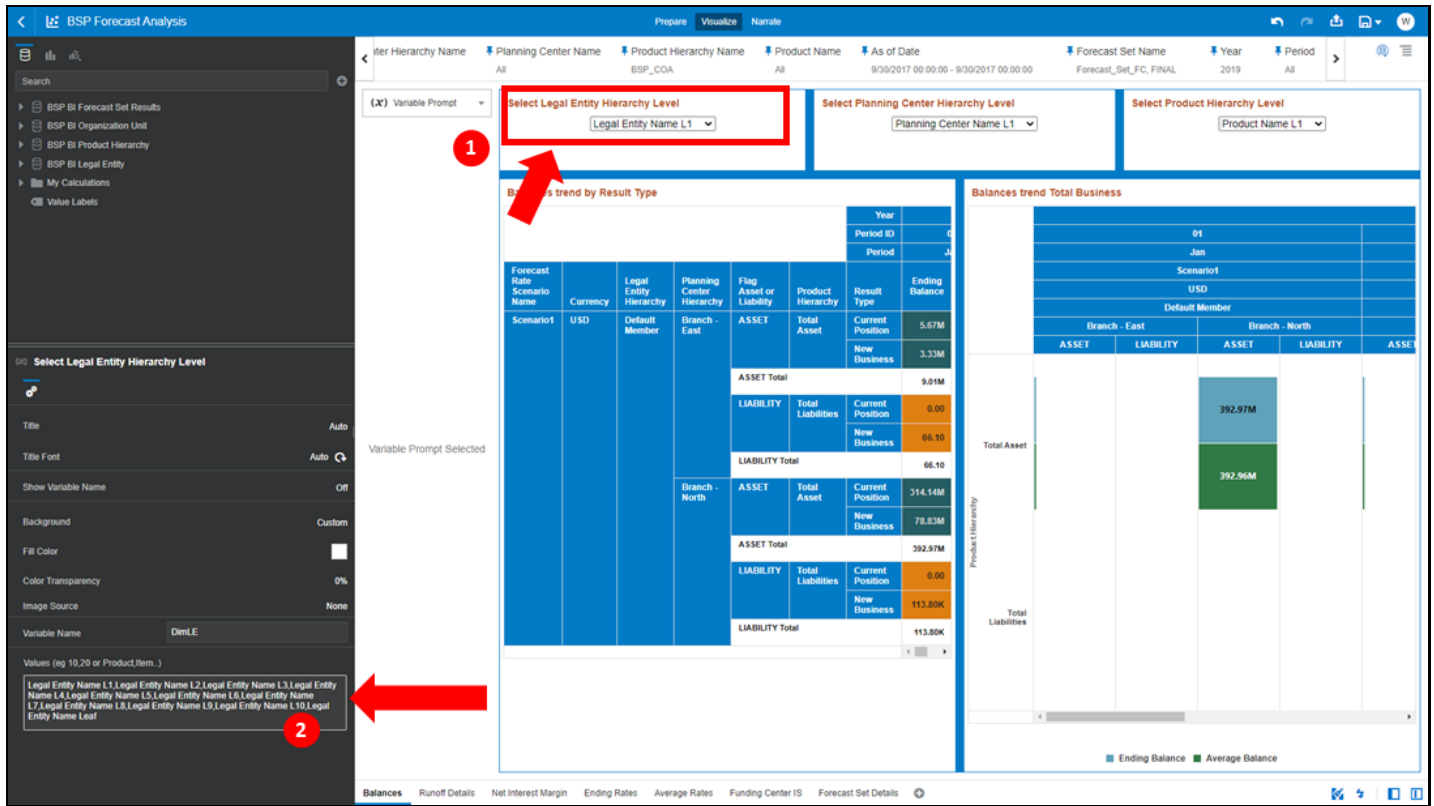
The following is an example of how to perform these changes for Report Canvas “Balance”, the same procedure must be followed for all the others Report Canvases as mentioned in the above list.

Select the variable prompt chart “Select Legal Entity Hierarchy Level” and from the bottom, left-hand-side Toggle Data Panel edit the desired number of level list in the section “Values (example 10, 20 or Product, Item and so on)” as shown in the following picture.

For example, if the required level list has to be amended up to the maximum permissible 20th level, then use the following string to apply this change:

```
Legal Entity Name L1,Legal Entity Name L2,Legal Entity Name L3,Legal  
Entity Name L4,Legal Entity Name L5,Legal Entity Name L6,Legal Entity Name  
L7,Legal Entity Name L8,Legal Entity Name L9,Legal Entity Name L10,Legal  
Entity Name L11,Legal Entity Name L12,Legal Entity Name L13,Legal Entity  
Name L14,Legal Entity Name L15,Legal Entity Name L16,Legal Entity Name  
L17,Legal Entity Name L18,Legal Entity Name L19,Legal Entity Name  
L20,Legal Entity Name Leaf
```

Figure 45: Select Legal Entity

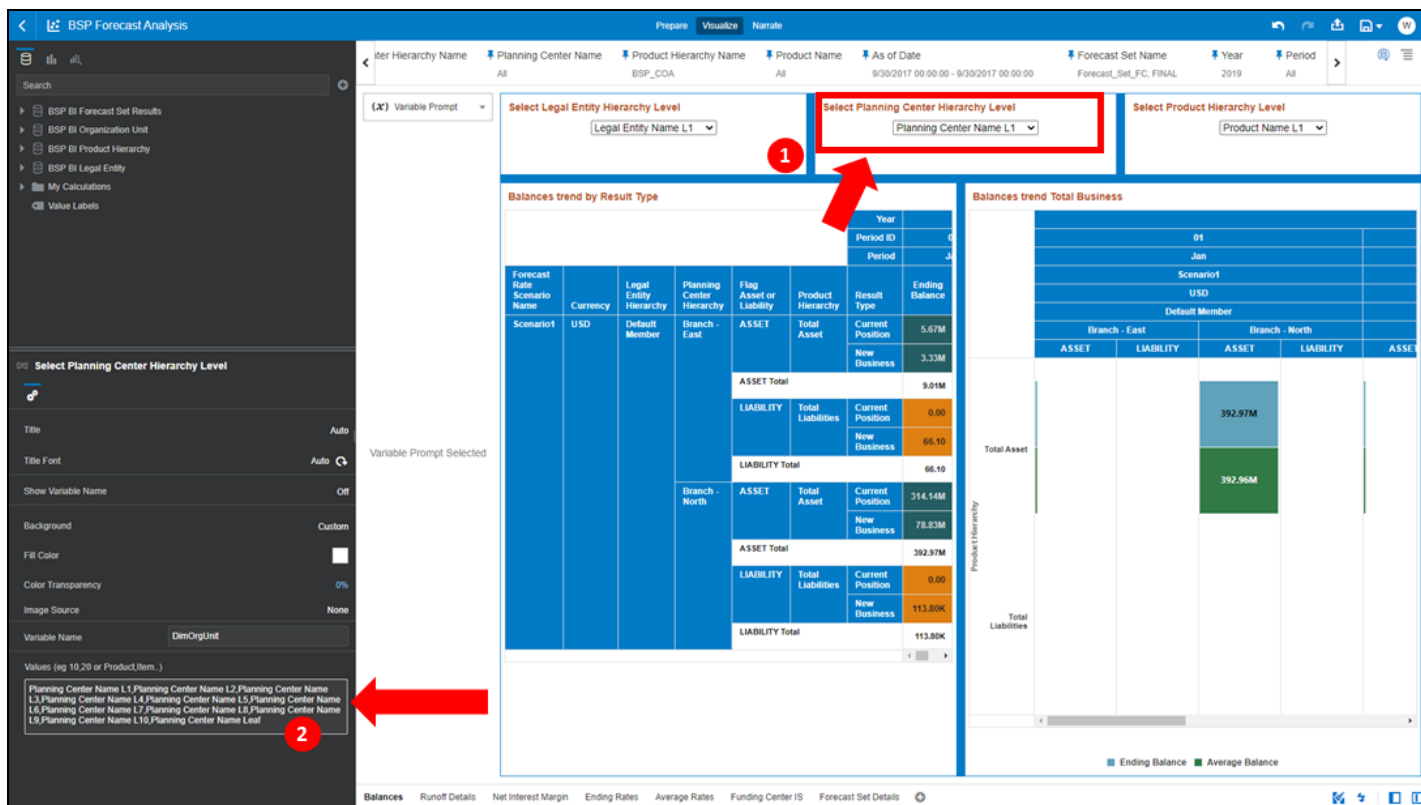


Select the variable prompt chart “Select Planning Center Hierarchy Level” and from the bottom, left-hand-side Toggle Data Panel edit the desired number of level list in the section “Values (example 10, 20 or Product, Item and so on)” as shown in the following picture.

For example, if the required level list has to be amended up to the maximum permissible 20th level use the following string to apply this change:

Planning Center Name L1,Planning Center Name L2,Planning Center Name L3,Planning Center Name L4,Planning Center Name L5,Planning Center Name L6,Planning Center Name L7,Planning Center Name L8,Planning Center Name L9,Planning Center Name L10,Planning Center Name L11,Planning Center Name L12,Planning Center Name L13,Planning Center Name L14,Planning Center Name L15,Planning Center Name L16,Planning Center Name L17,Planning Center Name L18,Planning Center Name L19,Planning Center Name L20,Planning Center Name Leaf

Figure 46: Select Planning Center Hierarchy Level



Select the variable prompt chart “Select Product Hierarchy Level” and from the bottom, left-hand-side Toggle Data Panel edit the desired number of level list in the section “Values (example 10, 20 or Product, Item and so on)” as shown in the following picture.

For example, in case the required level list has to be amended up to the maximum permissible 20th level use the following string to apply this change:

Product Name L1,Product Name L2,Product Name L3,Product Name L4,Product Name L5,Product Name L6,Product Name L7,Product Name L8,Product Name L9,Product Name L10,Product Name L11,Product Name L12,Product Name L13,Product Name L14,Product Name L15,Product Name L16,Product Name L17,Product Name L18,Product Name L19,Product Name L20,Product Name Leaf

Figure 47: Select Product Hierarchy Level

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