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Unlocking Intelligence:
Exploring AI Capabilities in Oracle EPM
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Smart ERP Solutions Offerings

Business applications that offer organizations an end-to-end solution providing the right design and implementation from start to finish.

SOLUTIONS

A 24/7 seasoned and experienced staff of experts to help you implement, upgrade, and manage your business solutions efficiently and effectively at a cost-effective rate.

SERVICES

Cloud applications provide solutions and services built on proven enterprise-class architecture that enable high configurability and ease of monitoring

CLOUD

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SmartERP Solutions | Global Expertise with Local Presence

ORACLE CLOUD | ORACLE NETSUITE | ORACLE PEOPLESOFT | ORACLE E-BUSINESS SUITE | ORACLE JD EDWARDS

Founded in 2005
by former Oracle Executives, Architects, and Consultants

Implementation Partner
Oracle Cloude, NetSuite, PeopleSoft, EBS and JDE

Solutions and Services
A unique blend of Solutions and services

300+ Clients
Worldwide clients for life across various industries

350+ Employees
Certified experts around the world – 24x7x365

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Core Competencies

Financials, HRMS, Payroll, SCM, ESA, Manufacturing, CRM

ORACLE CLOUD | ORACLE PEOPLESOFT | ORACLE NETSUITE | ORACLE JD EDWARDS | ORACLE E-Business Suite

Applications Supported

- Oracle Cloud (ERP/EPM)
- PeopleSoft
- NetSuite
- JD Edwards
- E-Business Suite
- BI Publisher
- Business Services/SOA suite
- Value Chain Planning

Technical Delivery

- World and EONE Development
- Output Management
- Advanced Integrations
- ADF/Mobility

Business Delivery

- Application Sales
- Implementation and Transformation
- Mergers, Acquisitions and Divestitures
- Assessments and Training

Infrastructure Solutions

- Architecture Design
- OCI Lift and Shift
- Load Testing/Performance Tuning
- Application and Tools Upgrade
- CNC Managed Services and SAAS

Partner Solutions & Integration

- Avalara Taxation
- Magic Software
- Insight Software
- Bottomline Technologies
- Data Collection/Bar Coding
- Mobiles Sales
- Field Service

Proprietary Solutions

- COA Design
- Security Implementations
- Knowledge Management
- Change Control
- Project Management

On-Demand Staffing Services

Implementation, Upgrades, Maintenance, Enhancements, Integration, Managed Services, Hosting Services

Industry and Domain Expertise

SmartERP has relevant domain expertise across a wide range of the industries and micro-verticals

Wholesale Distribution

Wine Distribution, Industrial Products, Solar, Electrical and Furniture Supply

Professional Services

Healthcare, Consulting, Logistics & Transportation, Insurance, Staffing & Legal

Manufacturing

Industrial, Semi-Conductor, Lifesciences – Pharma, Bio-Tech and Medical Devices

Retail/CPG

CPG, Food and Beverage

High/Fin Tech and Software

Fin-Tech and Software – SaaS, Platform, Web Services

General Business

Higher Education, Green Energy & Solar and Engineering & Construction and Entertainment

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Leadership Team

Rajeevan Dhanaraj

Oracle EPM Solutions Practice Leader | Finance Transformation Strategist | Data Insights Expert

Mr. Rajeevan Dhanaraj serves as the Oracle EPM Solutions Lead at SmartERP Solutions, overseeing both on-premise and cloud-based implementations. With over 21 years of experience in OLAP and Data Insights projects, he brings a rare blend of technical mastery, strategic vision, and interpersonal finesse to every engagement. Throughout his career, Rajeevan has successfully delivered 34 full-cycle Oracle EPM implementations both Cloud and on-Prem. His work spans industries from banking and insurance to manufacturing, oil & gas, retail, and public sector, making him a versatile and trusted advisor in enterprise performance management. Rajeevan has collaborated closely with CFOs and VPs to drive finance transformation initiatives and master data management strategies. Rajeevan is known for identifying gaps in existing systems and crafting integrated roadmaps that elevate enterprise performance.

Unlocking Intelligence: Exploring AI Capabilities in Oracle EPM

In today's fast-paced financial landscape, agility and insight are no longer optional—they're essential. Today we'll dive deep into the transformative power of Artificial Intelligence within Oracle Enterprise Performance Management (EPM). Discover how Oracle's AI-driven features are reshaping financial planning, forecasting, and reconciliation by automating routine tasks, detecting anomalies, and delivering predictive insights with unprecedented accuracy.

Today's session will explore:

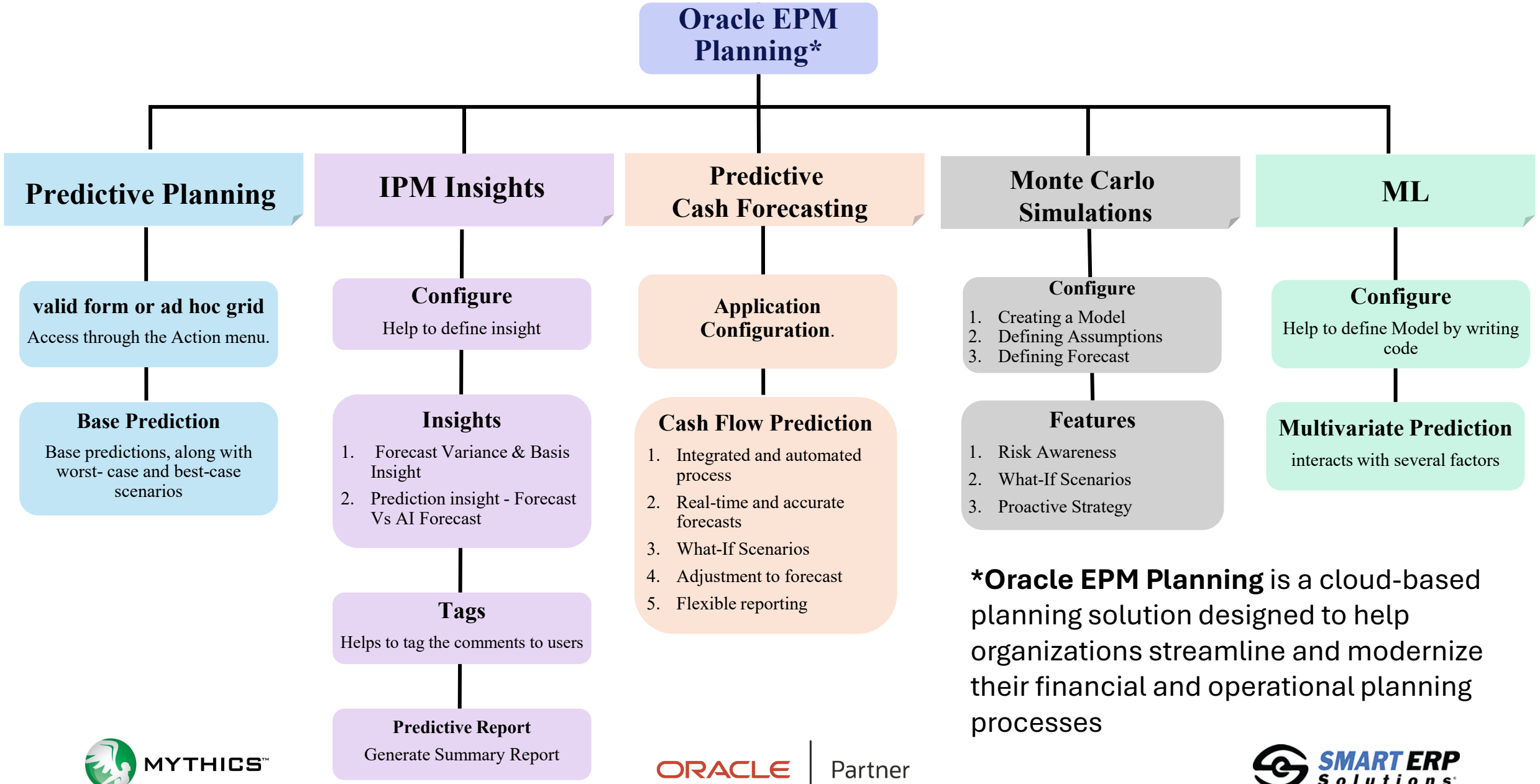
- 🤖 Embedded AI and machine learning in Oracle EPM Cloud
- 📊 Predictive planning and scenario modelling for smarter decision-making
- 🔍 Intelligent transaction matching and anomaly detection
- ⚙️ Automation of repetitive financial processes to boost efficiency
- 📈 Real-world use cases and success stories from leading organizations

Whether you're a finance leader, EPM architect, or data enthusiast, I will equip you with the knowledge to harness Oracle EPM's AI capabilities and drive strategic value across your enterprise.

Agenda

- Planning - Predictive Planning
- Planning & TRCS – IPM Insights
- Planning-Detailed Report for Auto Predict
- Planning - Predictive Cash Forecasting
- Planning – Monte Carlo Simulations
- Planning –Bring Your Own ML
- PCM - PCM Agent
- Narrative Reporting-Generative AI in Reporting

Oracle EPM Planning - AI Features



***Oracle EPM Planning** is a cloud-based planning solution designed to help organizations streamline and modernize their financial and operational planning processes

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Planning

Predictive Planning

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Oracle EPM Planning - Predictive Planning

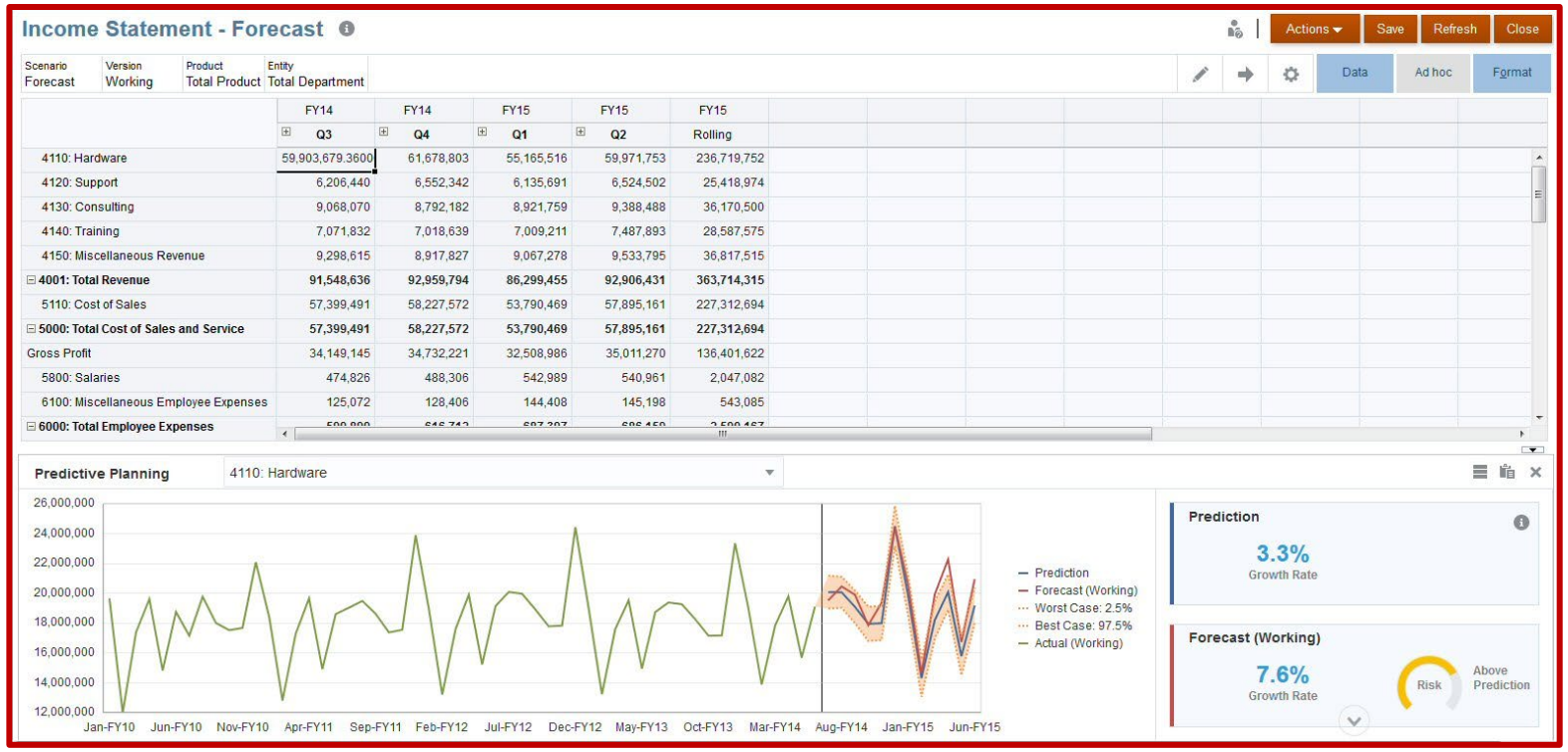
- Predictive Planning is a built-in feature in Oracle EPBCS (Enterprise Planning and Budgeting Cloud Service) that leverages statistical models to forecast future business performance based on historical data.
- Predictive Planning provides a statistically-robust method for helping planners create and validate their forecasts.
- Predictive Planning uses time-series forecasting techniques to create new predictions or validate existing forecasts that were entered into Planning using other forecasting methods.
- Predictive Planning creates base predictions, along with worst- case and best-case scenarios to provide range estimates.

To predict future values:

- In valid form or ad hoc grid, select Predictive Planning from the Actions menu.
- Predictive Planning accesses historical data for the members on the form, analyzes the data for trends and seasonal variations, and then predicts future values based on this information.
- A results area opens below the form with a chart that displays historical data, forecasts, and predictions, along with detailed information about the prediction.
- Use the results to compare the predicted values to your forecasted values for each member.

Oracle EPM Planning - Predictive Planning

Review predictive Planning :



Reference Link: [Predictive Planning]

What is your organization's approach to forecasting accuracy improvement?

A. We do not focus on forecasting accuracy
B. ERP-based forecasting
C. Manual adjustments based on historical trends
D. AI-driven predictive modeling

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Oracle EPM Planning & TRCS

IPM Insight

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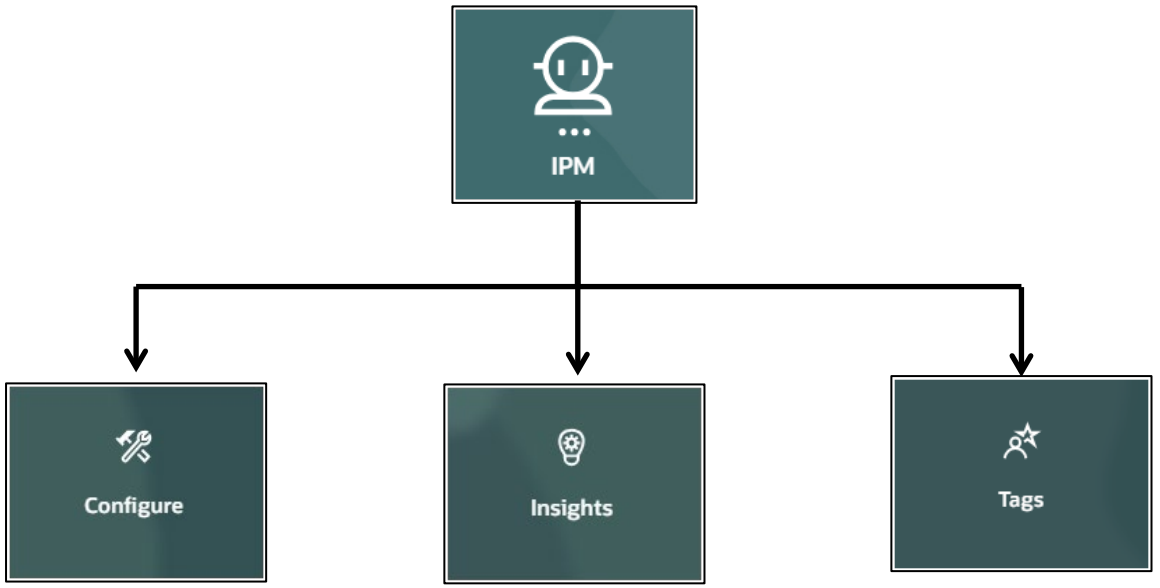
Oracle EPM Planning & TRCS – IPM Insights

- IPM - Integrated directly in your applications to inform your planning decisions with predictive capabilities and accelerate insight discovery with financial pattern recognition.
- IPM Insights analyzes past data and predicted data, helping you to find patterns and insights into data that you might not have found on your own.
- Insights can be trends, anomalies, forecast bias, or variations. With IPM Insights, the insight discovery phase of the planning process is automated with data science and financial pattern recognition, enhancing your forecast effectiveness.
- Using IPM Insights, can analyze and explore data across any account. IPM Insights automates processing large amounts of multidimensional data, so that as new actuals come into the system, quickly detect patterns in your data or hidden correlations, streamlining reporting, improving your forecasting, and strengthening your decision making.
- You spend less time in analysis, saving time in the overall planning process.

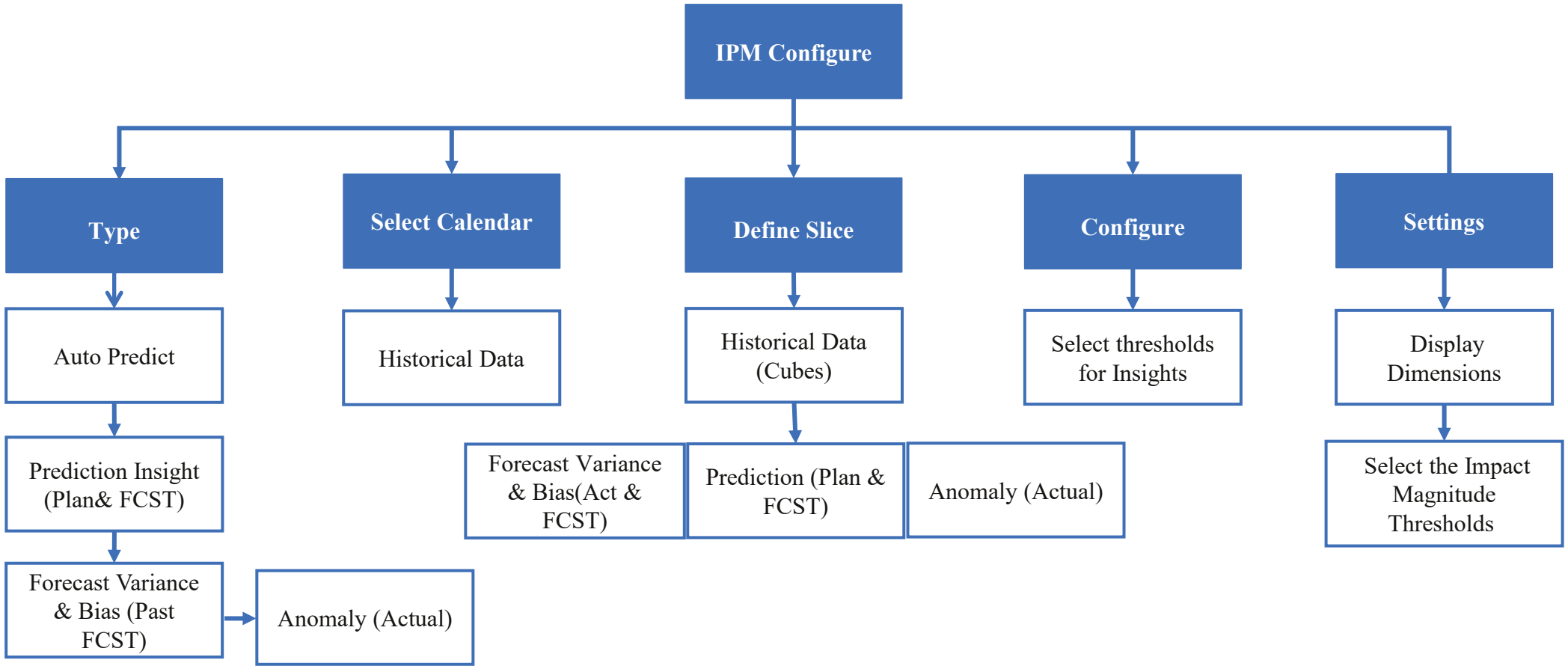
Oracle EPM Planning & TRCS– IPM Insights



- **Configure** – For administrators to setup new insight functionality
- **Insights** – The dashboard which will display configured insights for planners
- **Tags** - We can collaborate with our colleagues more effectively and leverage the power of automated analysis with IPM Insights using tags.

Note: IPM Insights works only with applications with **Hybrid** Essbase enabled.

IPM Configuration Flow Diagram



Oracle EPM Planning – IPM Insights (Configuration Types)

- **Auto predict** – Automatically predicts future periods based on historical data in the system. Which we are providing the data slice.

  Note: This is automatically selected if no user prediction data is available.

- **Forecast variance & bias insights** – Reveals potential hidden bias in forecasts submitted by planners by analysing past data.

  Ex: Current year FY25, it will be analysing FY24, FY23 forecast data

- **Prediction insights** – Analyses variances between predicted scenarios such as forecasts and computer-generated projections.

  Ex: Current year FY24, it will be analysing FY25 data for plan and forecast

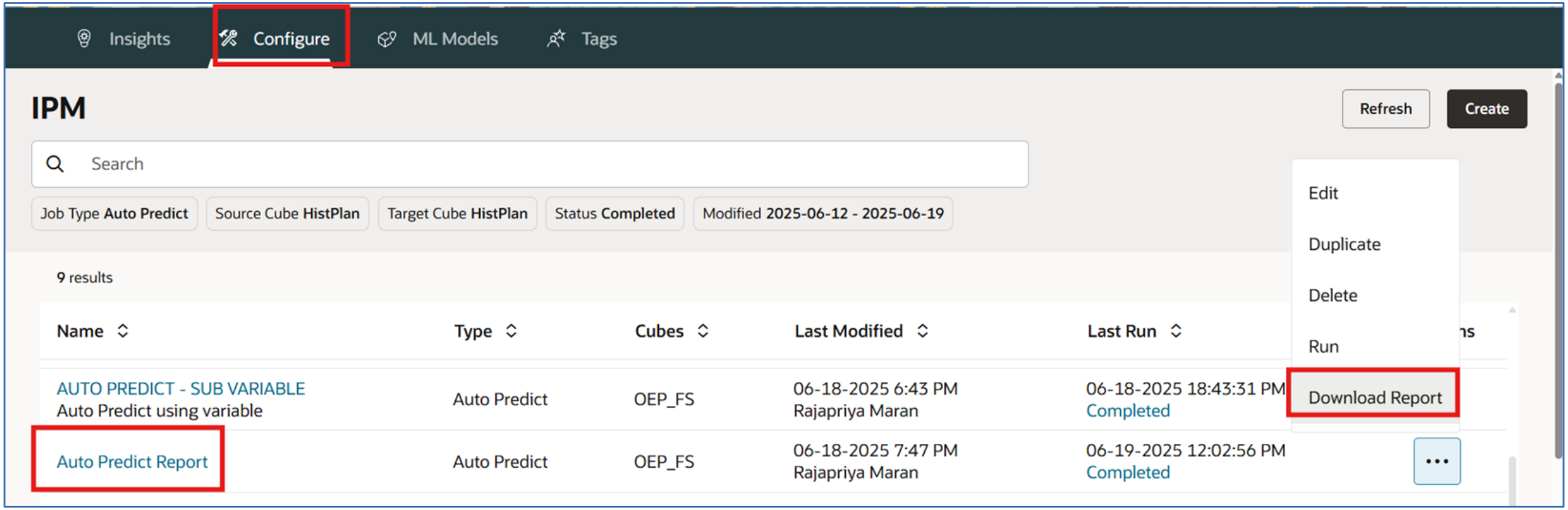
  Note: Selecting "No" for available prediction data will turn on auto-predict.

- **Anomaly insights** – Identifies inconsistency in historical actuals by highlighting outlier values.

  Ex: Current year FY24, it will be analysing FY23 data for Actual

Detailed Reports for Auto Predict Predictions

❑A comprehensive prediction report can be generated, providing details such as status, accuracy, forecasting method, seasonality, adjusted outliers, error metrics, and additional statistical insights.



Detailed Reports for Auto Predict Predictions

AP_Auto Predict Report (5).zip

Auto Predict Summary Page

Run By	Job Start	Job End	Duration (minutes)	Total Series	Successful Series
Rajapriya Maran	May 21, 2025 11:30:18 AM	May 21, 2025 11:30:32 AM	0.23	1	1

	Reference Data	Base Prediction
Date Range	FY24->Jan..FY24->Dec, (12)	FY25->Jan..FY25->Mar, (3)
Cube	OEP_FS	OEP_FS
POV Dimensions		
Account	"4100301:Fees Collected-Other"	"4100301:Fees Collected-Other"
Version	Working	Working
Currency	USD	USD
Company	"06434:BP Specialty"	"06434:BP Specialty"
Product	"P00000:Default Product"	"P00000:Default Product"
Customer	"18763:MELLON BANK NA"	"18763:MELLON BANK NA"
Scenario	Actual	Forecast
Plan Element	Load	""Direct Input""
Project	""No Project""	""No Project""
Series Dimensions		

Auto Predict Options	
Property	Value
Include Events	FALSE
Adjust Outliers	TRUE
Fill in missing values	TRUE
Missing value threshold	50.00
Missing value treatment for last	SKIP
Yearly seasonal override (%YEA	FALSE
Override prediction range	FALSE
Apply seasonal methods	TRUE
Apply non-seasonal methods	TRUE
Use ARIMA	TRUE
Use Extended ARIMA Search	FALSE

Report Table Key	
Column	Description
Status	Prediction run status
Code	Prediction error/warning code
Accuracy	Prediction accuracy measure
Method	Best prediction method
Series Dimensions	Dimension selections that include a member range
...	Series dimension members
Seasonality	Seasonal trend auto detection
Cycle	Seasonal cycle length in periods
Peak Period	Period of last peak seasonal effect
Filled In Gaps	Missing data in historical data - value interpolation used
Gap Count	Total number of gaps
Gap Period(s)	List of periods with gaps
Adjusted Outliers	Data is outside of expected range - value adjustment applied
Outlier Count	Total number of outliers
Outlier Period(s)	List of periods with adjusted outliers

Error Code Key	
Code	Description
0	No prediction method fits the data
1	No historical data
2	Insufficient historical data (< 2 * forecast length)
3	Historical data has missing data, exceeding or equal to the minimum missing value threshold of 50.0%
4	Missing data before historical end date
5	Below accuracy threshold (< 0.0%)

Prediction Method Key	
Method	Description
ARIMA	Automatic ARIMA
SMA	Single Moving Average
DMA	Double Moving Average
SES	Single Exponential Smoothing
DES	Double Exponential Smoothing
SA	Seasonal Additive

Summary | Report | SV_Series_Data_OEP_FS

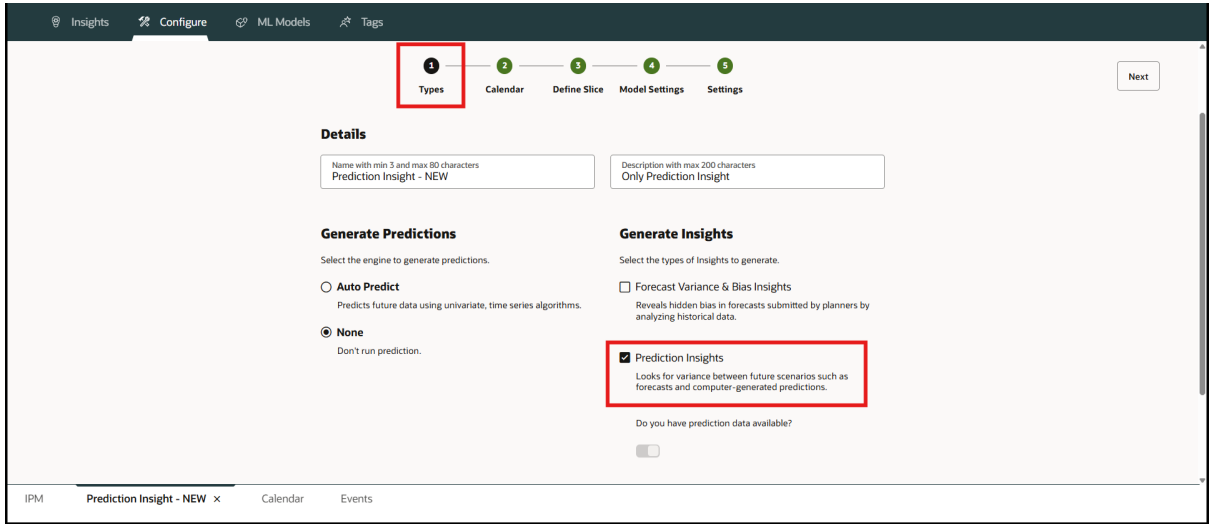
Auto Predict Report Page

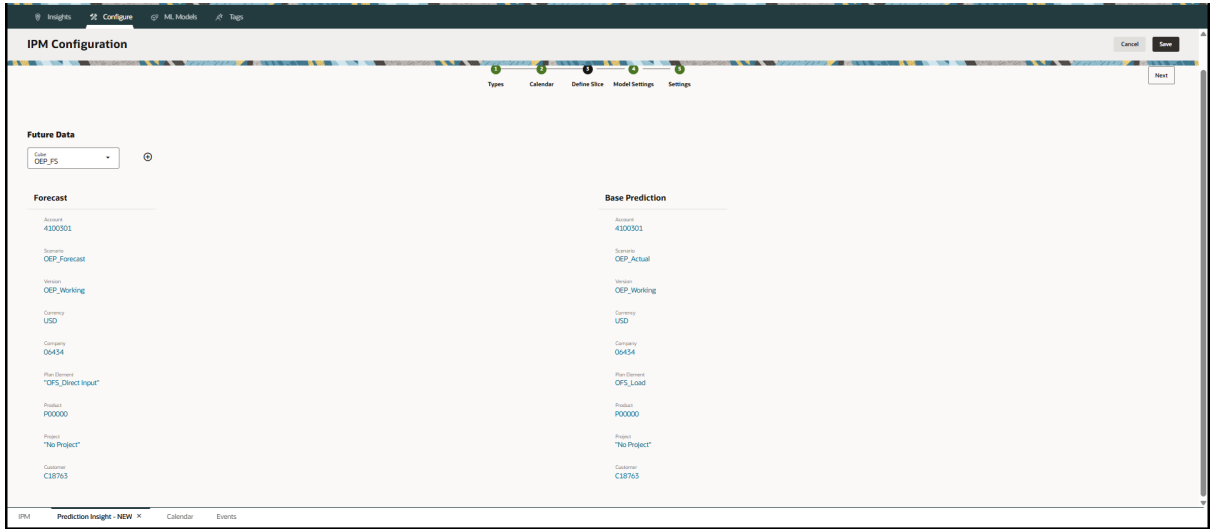
				Seasonality		Filled in Gaps		Adjusted Outliers		Prediction Statistics				
Status	Code	Accuracy	Method	Cycle	Peak Period	Gap Count	Gap Period(s)	Outlier Count	Outlier Period(s)	Ljung-Box	Error Measure	Thiel's U	Durbin-Watson	Parameters
Success		81.86%	ARIMA			1	FY24->Sep			6.38	11.43	0.70	1.24	model: ARIMA(0,

Oracle EPM Planning – IPM Insights (Prediction Insight)

Prediction Insight – The prediction insight looks for variance between the future scenarios such as forecasts and computer-generated predictions.

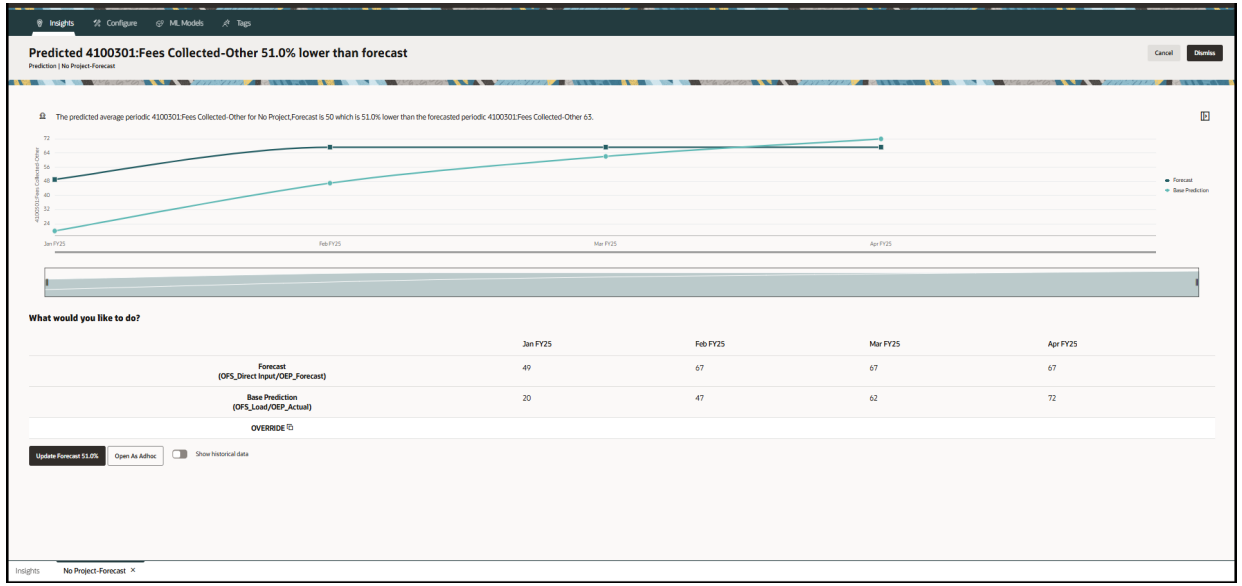
- Selecting the configuration type from the types page. **Type** – **Prediction Insight**
- Provide the data slice which we want see the variance between the forecast and base prediction combination

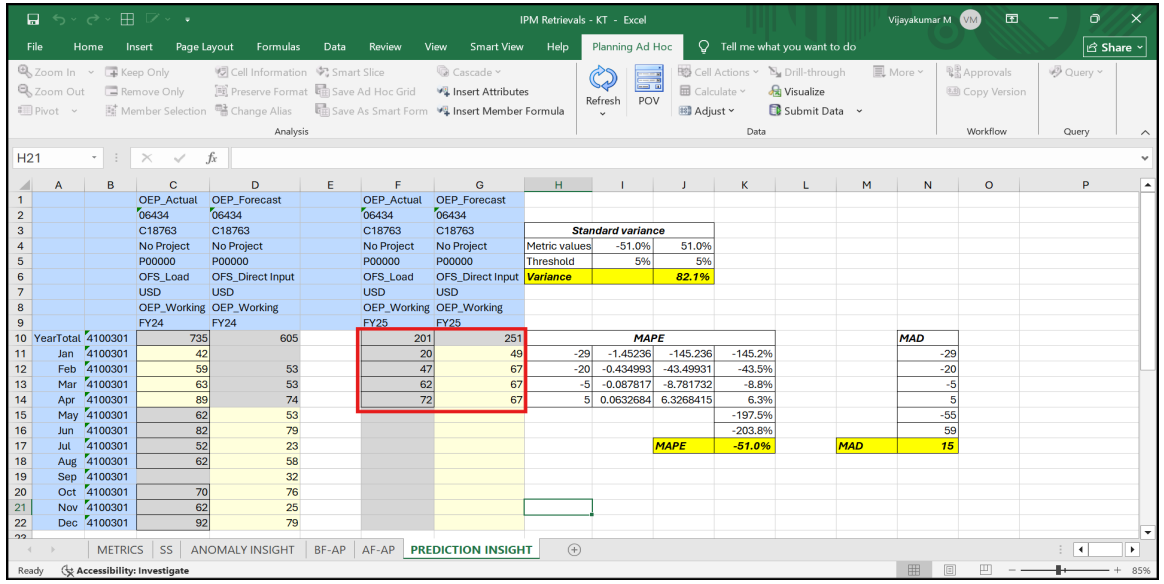




Planning – IPM Insights (Prediction Insight)

- Once after **run** the prediction insight from the configuration, we can be able to see the **variance percentage** and with the **dashboard.**
  - **Update Forecast –** This update forecast option will update the forecast data based on the error percentage.
  - **Open As Adhoc** – This Open As Adhoc option will modify the data based on the insight percentage. When click on Adhoc option, that moment will open in webform, there you can be able to modify the data.





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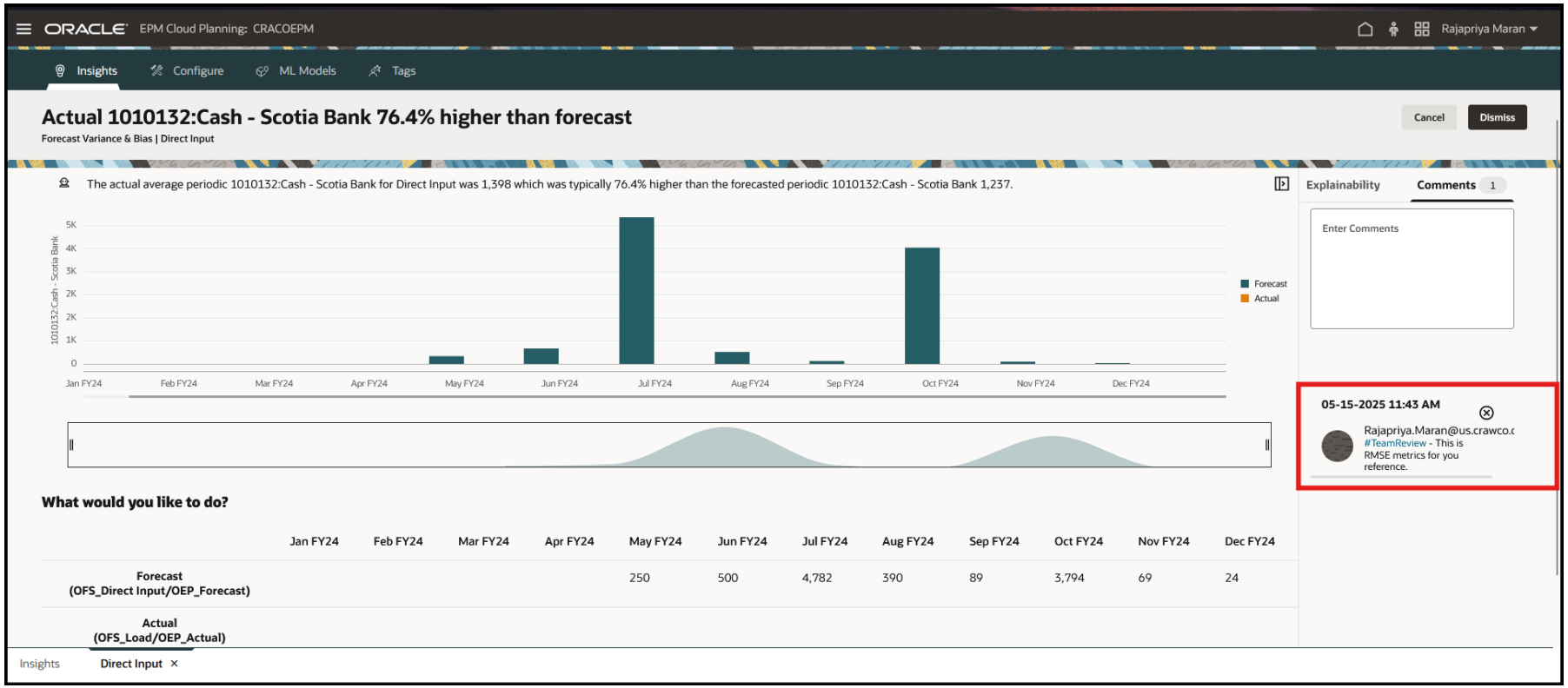
Planning – IPM Insights (Tags)

- Tags are used to collaborate with colleagues and organize insights. We can be used to notify individuals users or groups, to filter and emphasize insights on dashboards.
- Use # to tag insights with a custom label. For example, we can tag a set of insights for team review by adding **#TeamReview.** Use @ to tag a **user** or **group.**



How do you currently manage scenario planning for uncertain market conditions?

A. ERP-based scenario modeling
B. We do not perform scenario planning
C. AI-driven simulations
D. Manual what-if analysis

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Predictive Cash Forecasting

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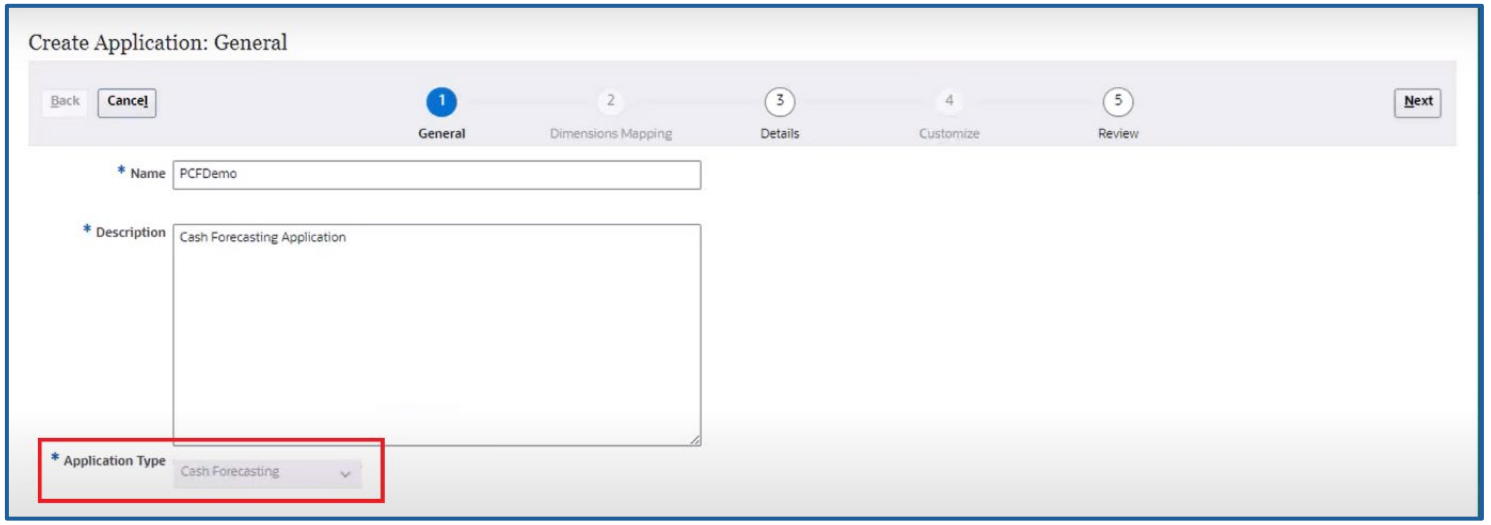
Oracle EPM Planning - Predictive Cash Forecasting

- Designed to help treasurers and cash managers perform short-term tactical or mid-term operational cash forecasting.
- It allows for daily, weekly, or monthly rolling forecasts that can be generated for operational, financial, and investing cash flow line items.
- It is built using a direct cash flow method and enables decision-making and actions for cash optimization across multiple legal entities within the business.
- **This option can be enabled while creating application and cannot be enable for existing application.** Application type need to select **Cash Forecasting.**

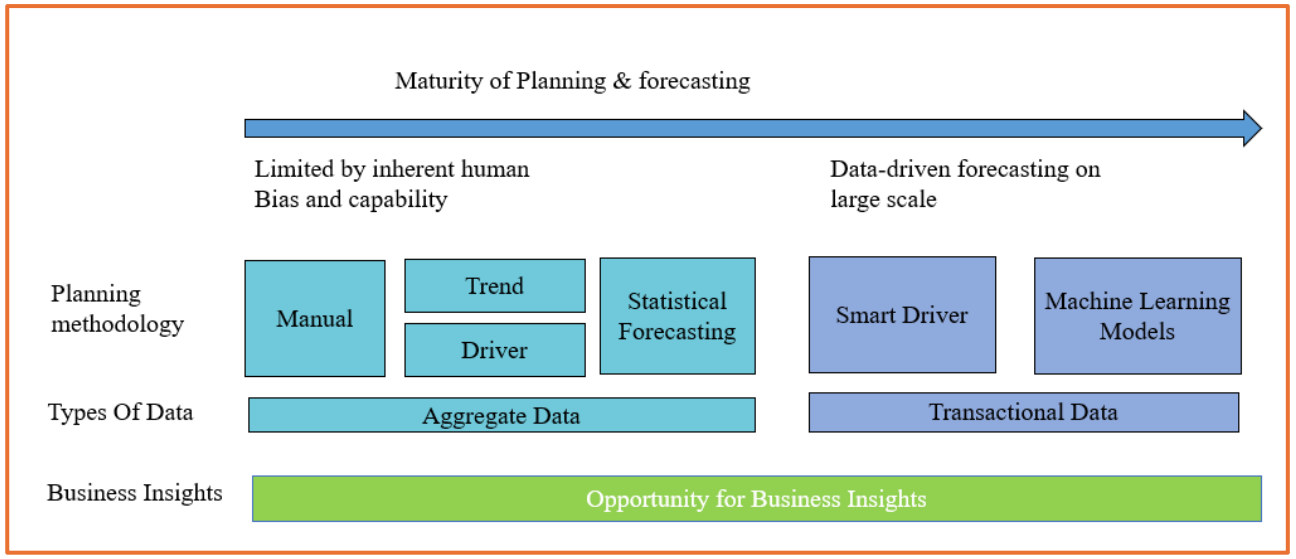


Oracle EPM Planning - Predictive Cash Forecasting

Benefits of cash Forecasting

- Optimize cash by finding problems and opportunities earlier with increased automation and more frequent cash forecast updates.
- Take action faster by aligning stakeholders and unifying scenario planning with corrective actions.
- Enable operational improvements through deeper insights into order-to-cash and procure-to-pay.

Business Benefit: Predictive Cash Forecasting enables companies to make better use of their cash with data-driven continuous cash forecasting.



Oracle EPM Planning - Predictive Cash Forecasting

Features in Cash Forecasting

- **Integrated and automated process** - Predictive Cash Forecasting allows for pulling the data from external systems to drive the cash forecast based on outstanding invoices and transactions. For forecasts beyond a certain period or for certain cash line items, data can be pulled in from any source through Data Integration.
- **Real-time and accurate forecasts** - applying targeted forecasting models and intelligent predictions and it supports multiple cash forecasting process cycles, short-term and medium-term.
- **What-If Scenarios -** What-if planning with the ability to create multiple scenarios that support real-time decision-making.
- **Adjustment to forecast** - Ability to use direct entry planning for manual adjustments to the forecast based on human judgment
- **Flexible reporting**—Multiple views for the data, such as aggregation and grouping, flexible filtering, time periods, view by Region, Legal Entity, Bank, Bank Account, Cash Pools on a daily, weekly, and monthly basis.

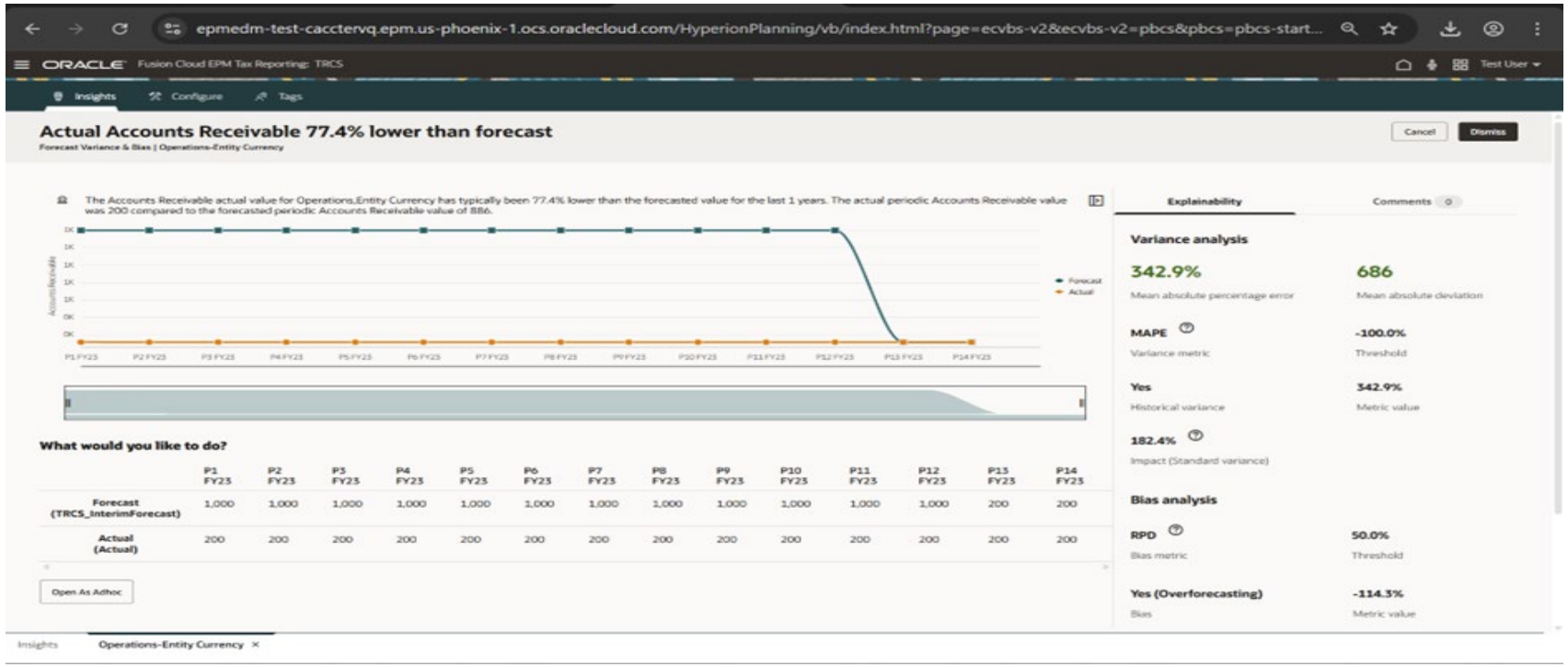
Reference Link: Predictive Cash Forecasting

Forecast Variance & Bias Insights

Forecast Variance & Bias Insights:

- This type of insight measures the variance or bias between two historical scenarios such as Forecasts and Actuals.

Example:



Anomaly Insights

Anomaly Insights:

- Anomaly insights detect unusual patterns in data that deviate from expected results.

Example:

IPM Insights Benefits:

- Reduces the timing in Data Analysis.
- Improves forecast accuracy and reliability.

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Planning

Monte Carlo Simulations

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Monte Carlo Simulations

What is Monte Carlo Simulations?

- A Monte Carlo simulation is defined as a computational technique that uses random sampling to model and analyze complex systems or processes.
- Monte Carlo Simulation is a powerful forecasting tool used in financial planning instead of assuming single rate of return for your investment, it runs thousands of possible scenario to estimate your financial future.
- It is a technique used to understand the impact of risk and uncertainty.

What is Simulation?

- A **simulation** is when you create a **model or imitation** of a real-world process or system so you can study how it behaves—**without actually doing it in real life**.

Features in Monte Carlo Simulations

- **Confidence in Planning-**Shows success probabilities for financial goals**.**
- **Risk Awareness-**Reveals impact of market volatility; supports better financial decisions.
- **What-If Scenarios-**Enables real-time planning through scenario comparisons**.**
- **Proactive Strategy-**Tests personalized options like early retirement or investment changes.

Monte Carlo Simulations

Steps of Monte Carlo Simulations

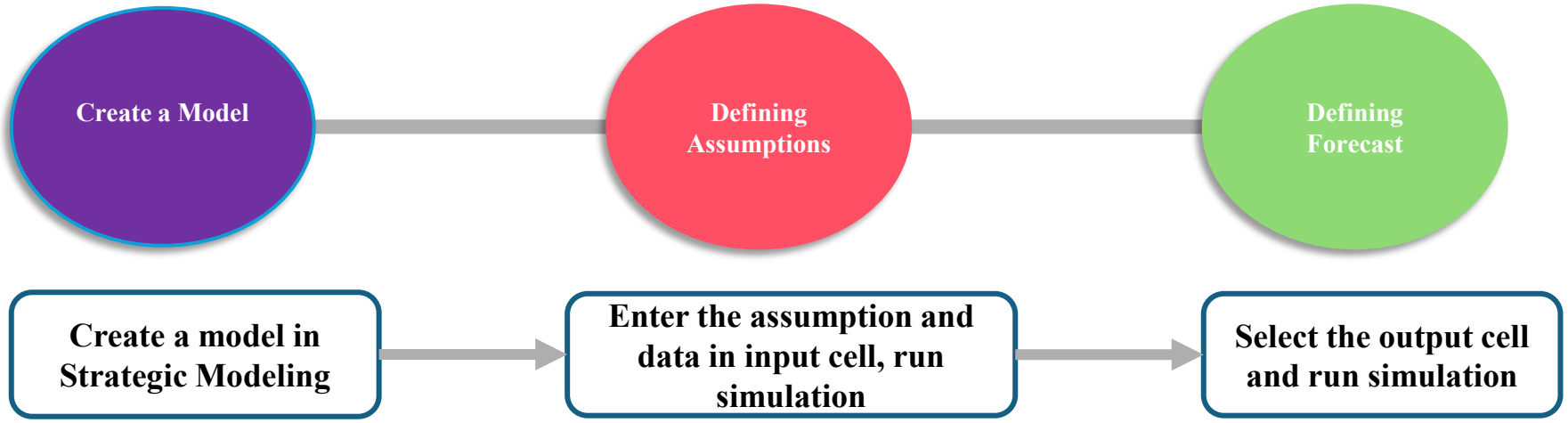
A simulation iteratively performs these steps:

- For every assumption cell, a random number is generated according to the range you defined and is placed in the model. Strategic Modeling generates random numbers using the Multiplicative Congruential Generator method.
- The model is recalculated.
- A value is retrieved from every forecast cell and added to the chart in the forecast results area.

Advantages	Disadvantages
Handles Complexity – Solves problems too complex for analytical methods.	**Computationally Intensive** – Requires many iterations; can be slow and resource-heavy.
Incorporates Uncertainty – Models variability for more realistic outcomes.	**Sensitive to Inputs** – Inaccurate data or assumptions can skew results.
Probabilistic Results – Offers a range of outcomes with likelihoods.	**Lacks Analytical Insight** – Doesn't explain underlying mechanisms deeply.
Aids Decision-Making – Helps visualize risks and make informed choices.	**Complex to Build & Interpret** – Can be time-consuming and hard to understand.

Monte Carlo Simulations

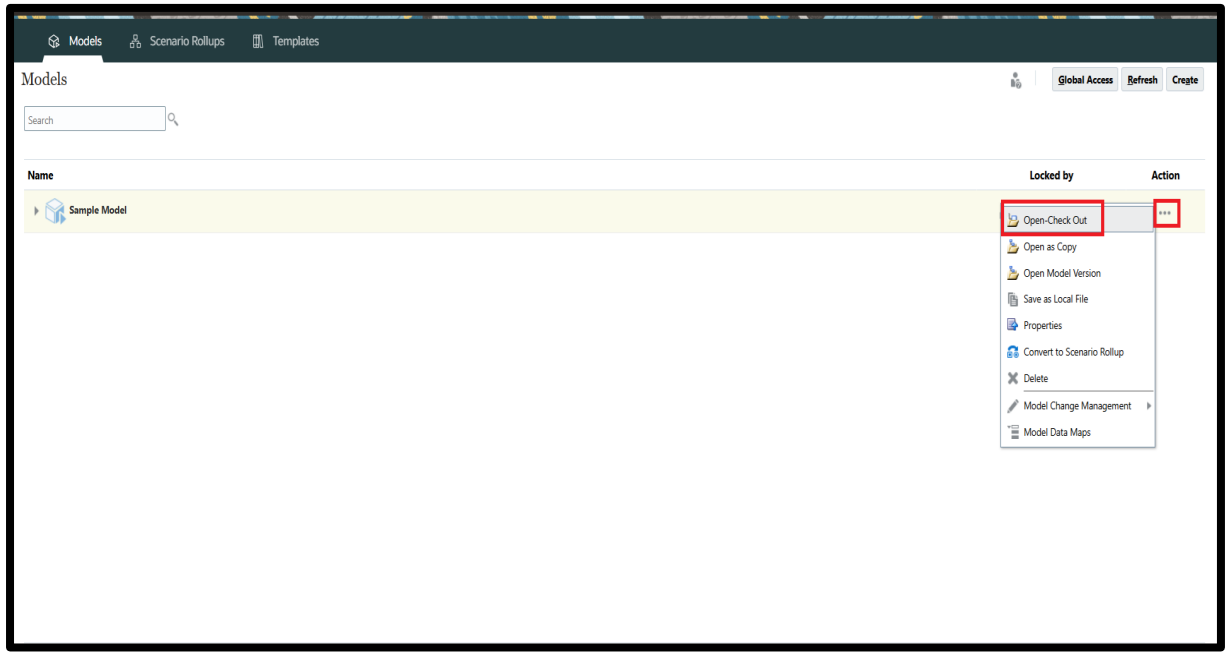
Flow Chart for Monte Carlo Simulations Steps

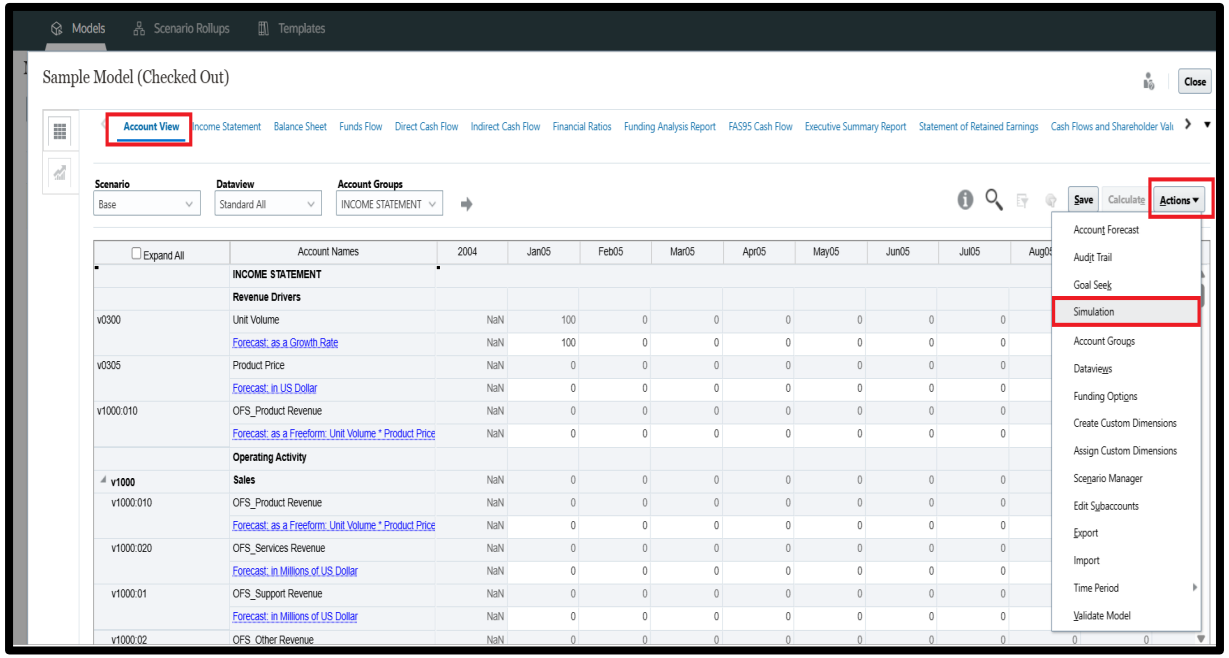


Note: This is an iterative process that continues until either the number of trials is reached or you stop the simulation. The final forecast chart reflects the combined uncertainty of the assumption cells on the forecast cells.

Monte Carlo Simulations (Model)

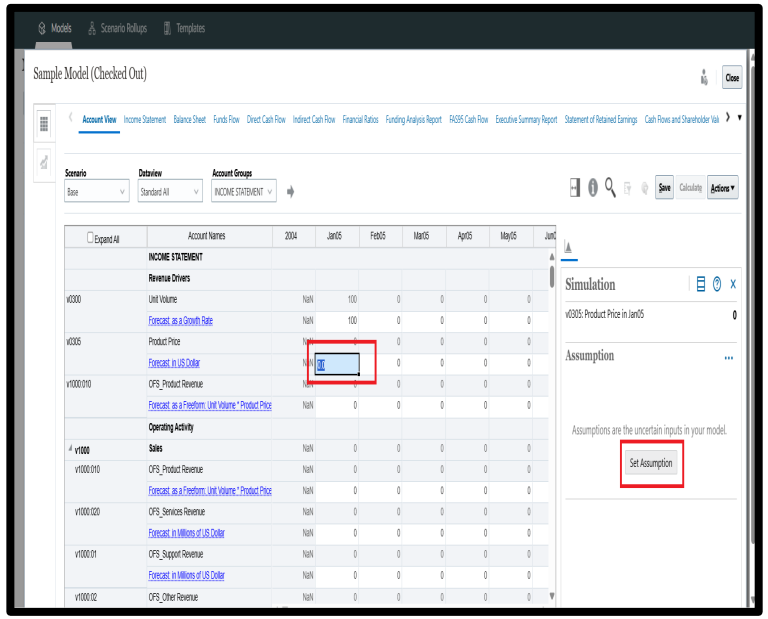
- **Step 1:** Create Model.
- **Step 2:** In Action Click **Open-Check Out.**
- **Step 3:** In the **Account View**, from the **Actions** menu, click **Simulation.**

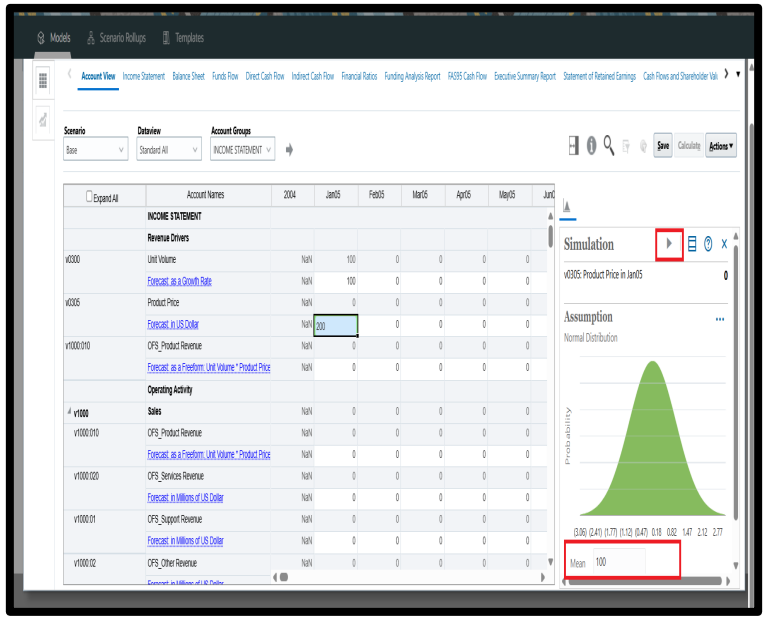


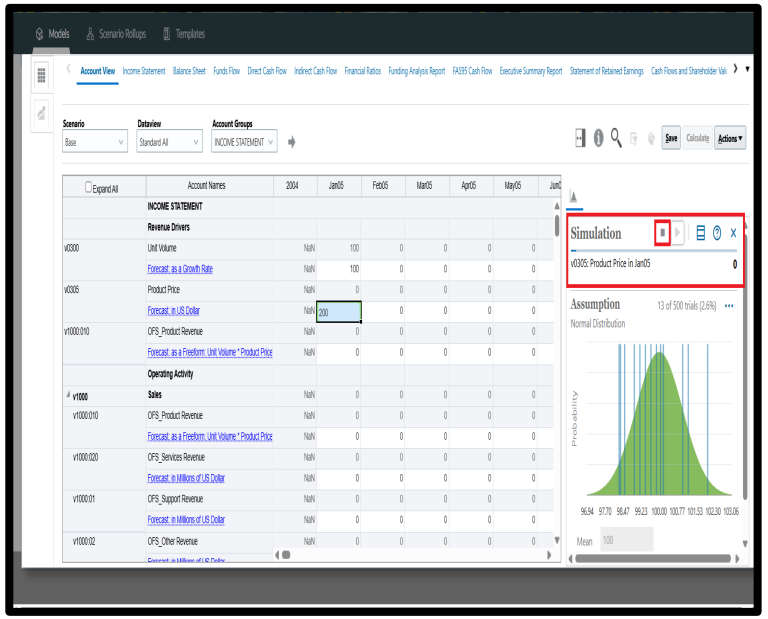


Monte Carlo Simulations (Defining Assumptions)

- **Step 1:** To define a simulation, first determine your key **input cells** and define them as **assumptions.**
- Select any input cell and enter data in it and click **Set Assumption**.
- **Step 2:** Select any Assumption model, here we selected **Normal.**
- **Step 3:** Enter **Mean and Std.Dev** the simulation have to run in Simulation tab.
- **Step 4:** Click **Run** button.
- **Step 5:** If you want to stop the simulation, click on **stop** button.
- **Step 6:** Once the simulation done, Click **OK.**

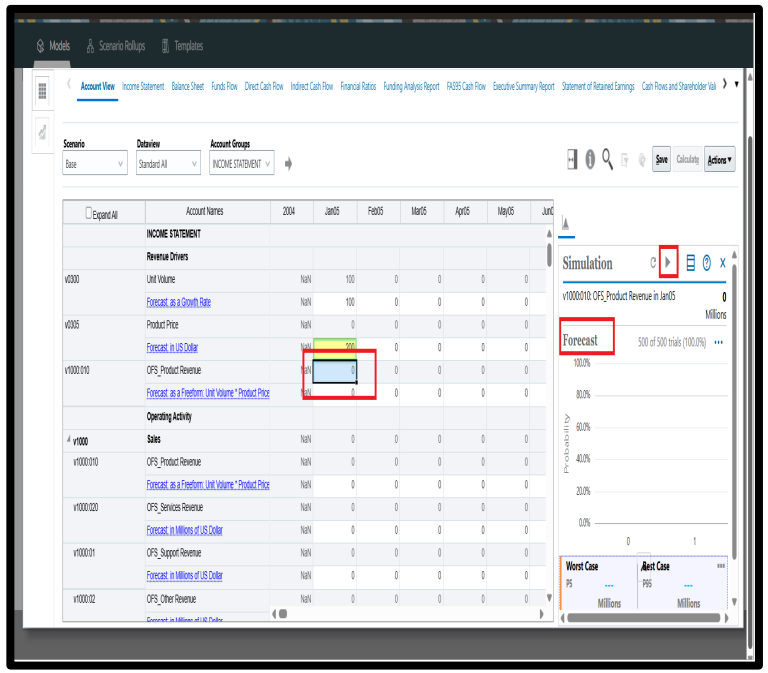


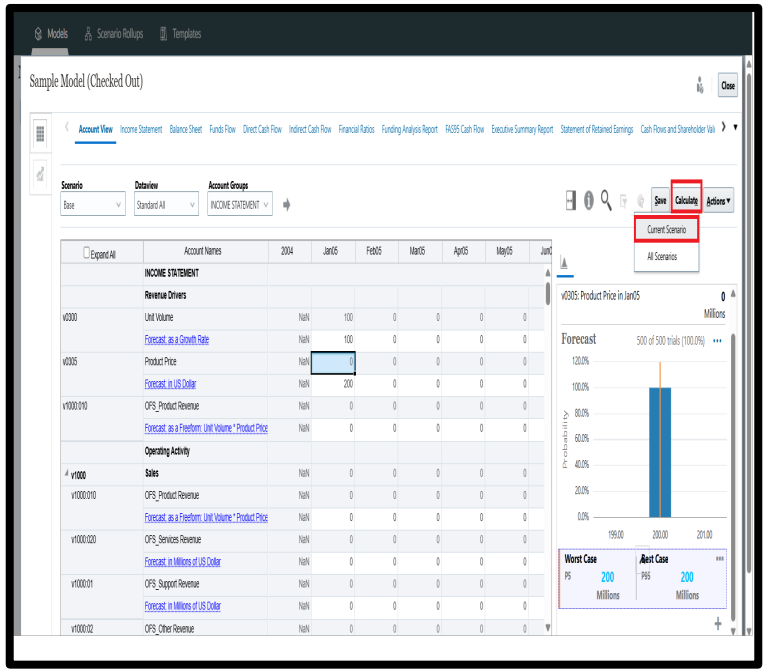


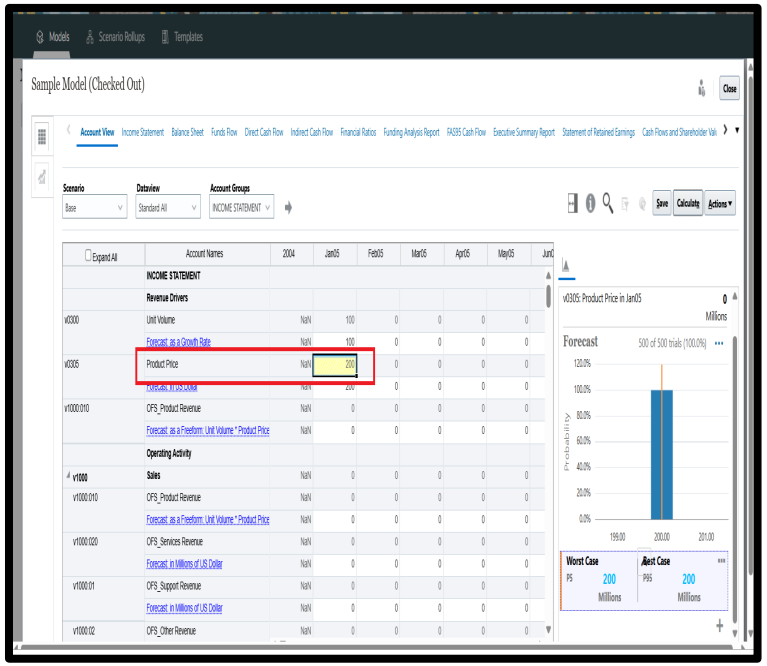


Monte Carlo Simulations (Forecast)

- **Step 1:** Select an output row in the **Account View**. On the **Simulation** panel, click **Set Forecast**. After you run a simulation, the **Forecast** results area displays the results of the simulation for cells you defined as forecast cells.
- **Step 2:** If you want to stop the simulation, click **Stop** button.
- **Step 3:** Click **OK.**
- **Step 4:** Click **Calculate,** Click **Current Scenario.**
- **Step 5:** Now the data for selected output cell is calculated.







What is your organization's primary goal for implementing an EPM solution?

A. Reducing reliance on spreadsheets
B. Enhancing data governance and master data management
C. Improving budgeting and forecasting accuracy
D. Streamlining financial close processes

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Planning

Bring Your Own ML

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Bring Your Own ML

- Bring Your Own ML (BYOML) lets businesses use their own pre-built Machine Learning (ML) models within Oracle EPM Free Form applications.

- Organizations can import their own ML models into platforms like Oracle Free Form to enhance budgeting and forecasting accuracy. These models analyze historical data and predict future trends, such as revenue forecasts and cash flow projections.

How BYOML Works:

- **Data Scientists Build, Planners Utilize:** The fundamental principle is that data scientists, who possess the expertise in building and training complex ML models, create these models externally .

- **Seamless Integration:** The trained ML models are then imported or connected to the planning system. This often involves standardized formats like PMML (Predictive Model Markup Language) or API integrations.

- **Enhanced Forecasting and Prediction:** Once integrated, the ML models can be used by planners to generate more accurate and sophisticated forecasts, predictions, and insights that inform planning decisions.

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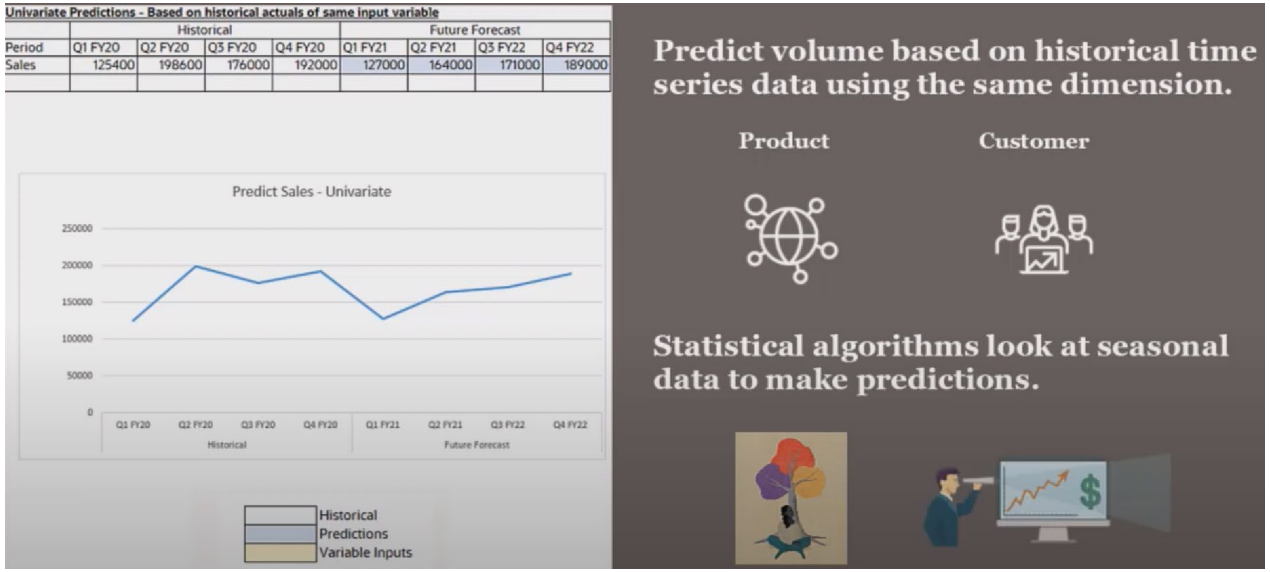
Types of Prediction

Univariate Prediction:

- This type of prediction focuses on forecasting the future values of a **single variable** based only on its own past values.

Examples:

- Predicting next month's **sales** based Only on historical sales data.
- Forecasting the **stock price** of a single company using only its past stock prices.
- Estimating next week's **website traffic** purely from previous weeks' traffic



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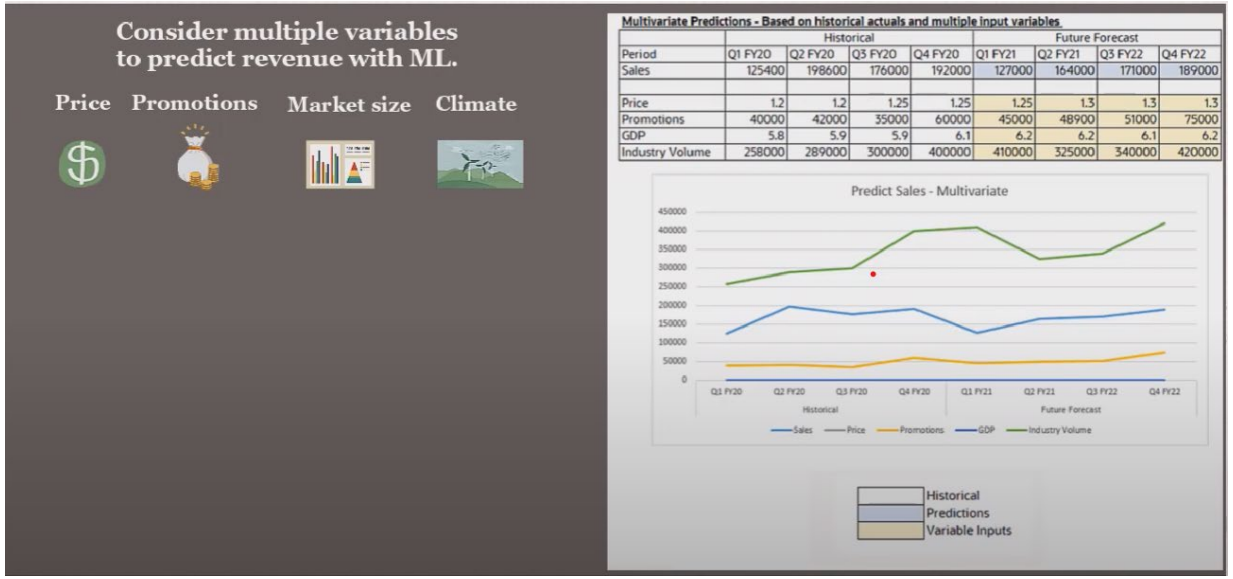
Multivariate Prediction:

Multivariate prediction forecasts a variable (or multiple variables) by looking at how it's influenced by and interacts with **several other factors**, not just its own past.

Example:

- **Predicting product sales** using past sales, promotions, competitor prices, and the economy.
- **Forecasting city-wide energy use** based on past usage, weather, time of day, and holidays.
- **Predicting a company's stock price** by looking at its past performance, industry trends, economic health, and how competitors are doing.



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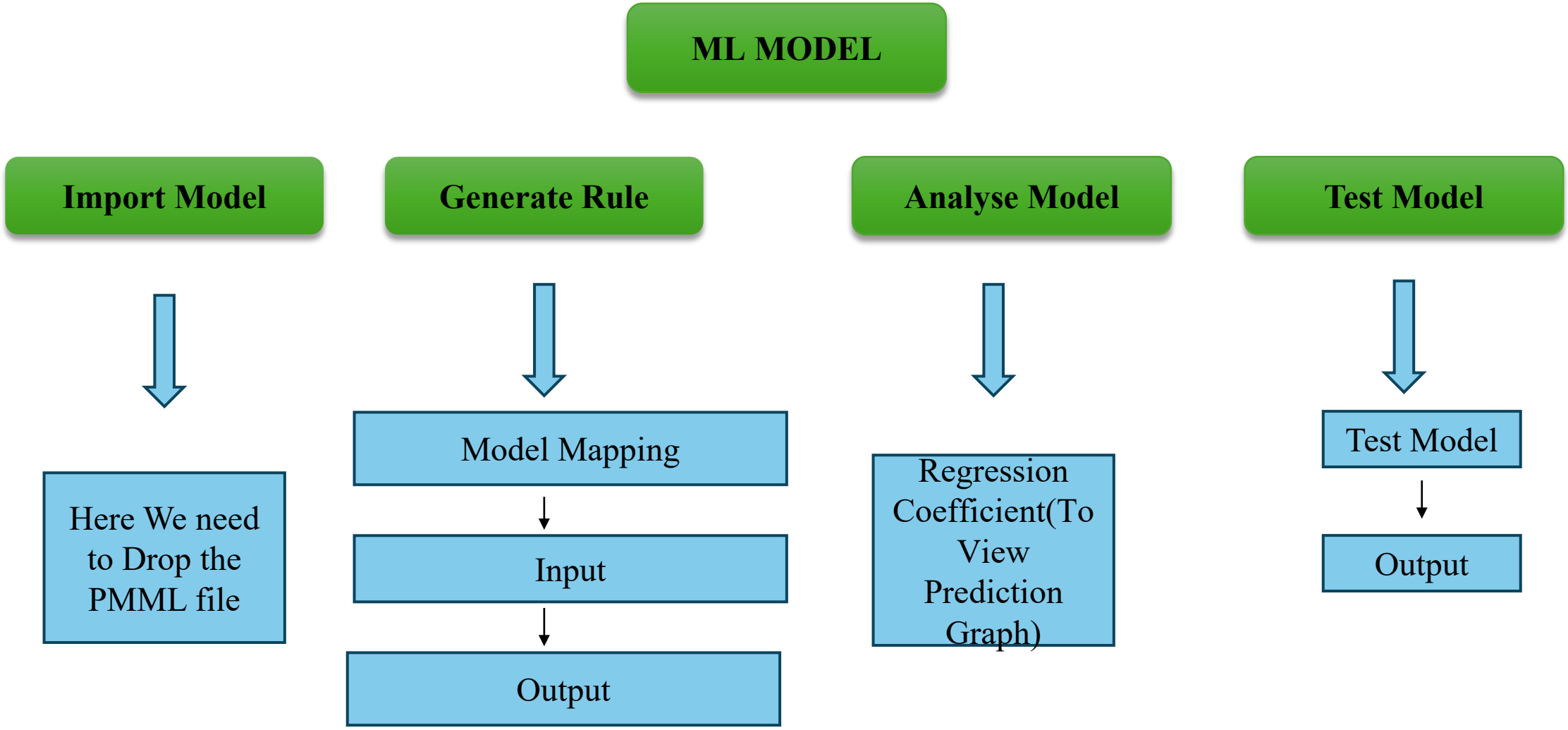
Advantages of ML

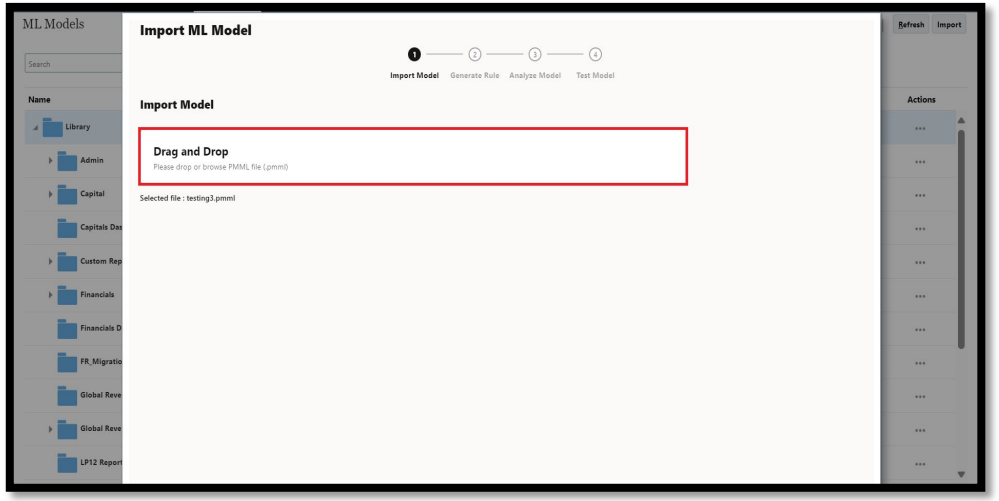
- **Better Predictions:** ML studies huge amounts of past data to give more accurate forecasts for revenue, expenses, and cash flow.
- **Early Problem Detection:** It finds hidden patterns in data to warn about risks and spot opportunities before they happen.
- **Clean and Reliable Data:** ML automatically checks and cleans data, reducing mistakes and improving accuracy.
- **Fast and Smart Decisions:** It provides real-time insights, helping businesses make quick and informed decisions when market conditions change.
- **Smart Scenario Testing:** Businesses can run complex "what-if" analyses to predict outcomes of strategies like new product launches or market expansions.

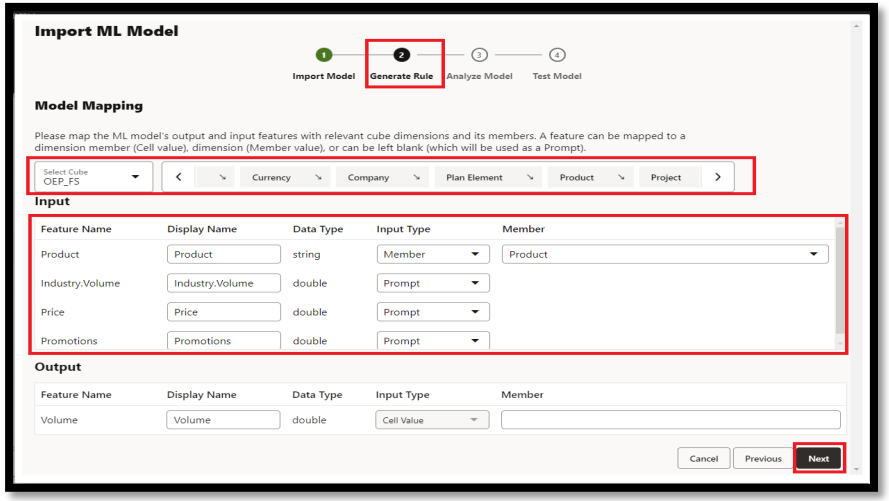
Bring Your Own ML

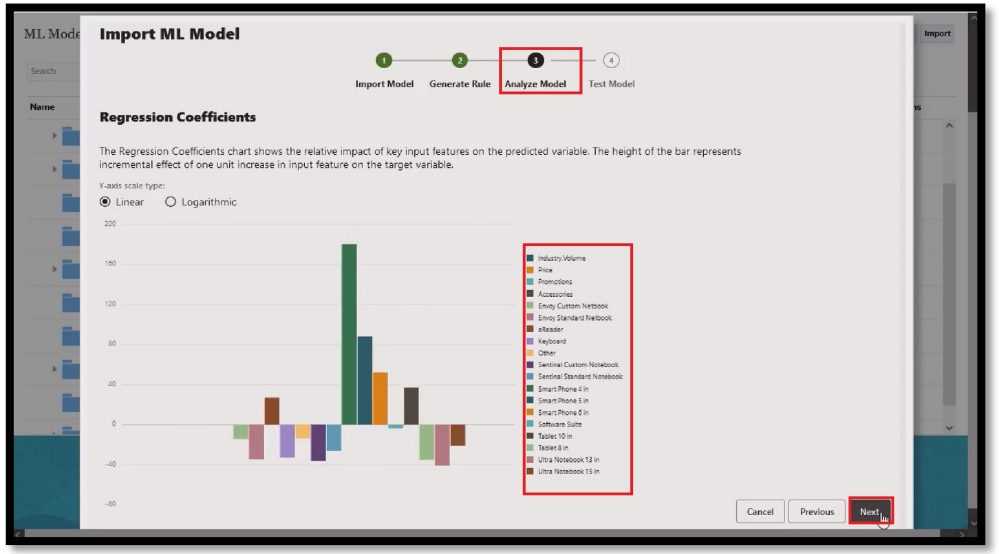
ML Model Configuration Flow Diagram

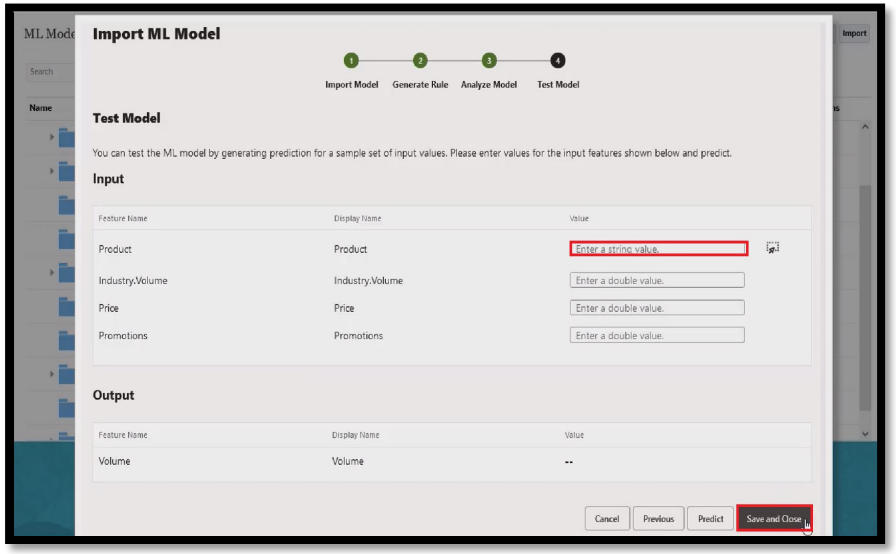


Bring Your Own ML (Configuring ML Model)









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PCM

Generative AI Features

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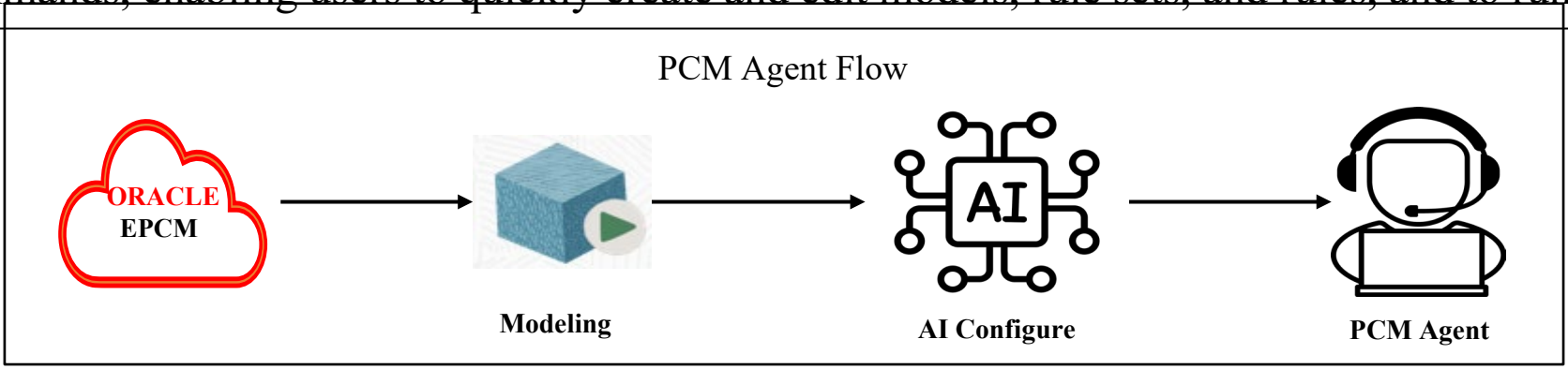
PCM Agent -Configure

Oracle PCMCS is a cloud-based solution within Oracle EPM that helps organizations accurately measure, allocate, and analyze costs and profitability across products, customers, business units, and more.

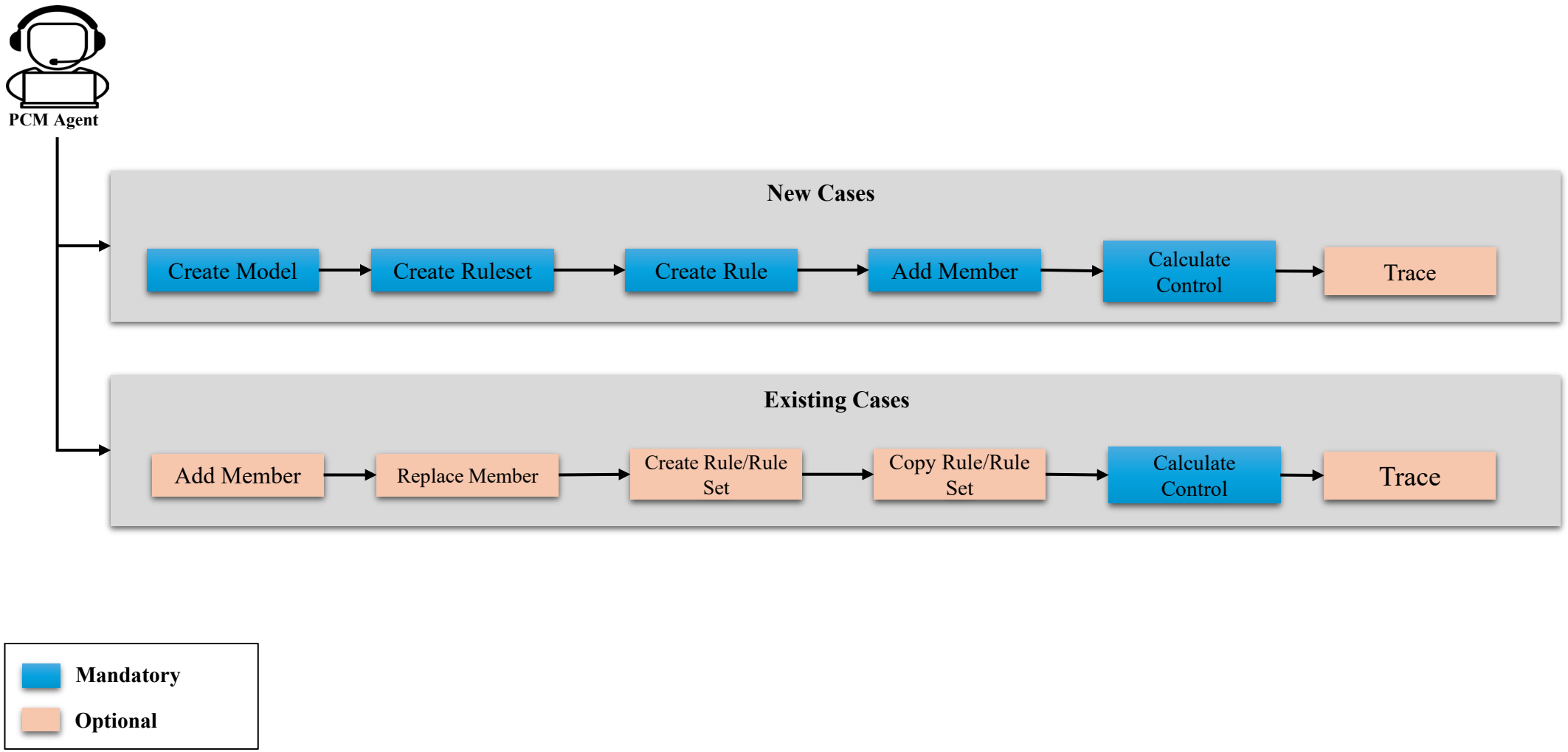
The PCM Agent utilizes natural language guidance to simplify complex tasks, such as model building and management, thereby reducing the effort required to define model artifacts.

Business Benefit: Generative AI enhances workflow efficiency by assisting with modeling tasks and commands, enabling users to quickly create and edit models, rule sets, and rules, and to run analytic traces.



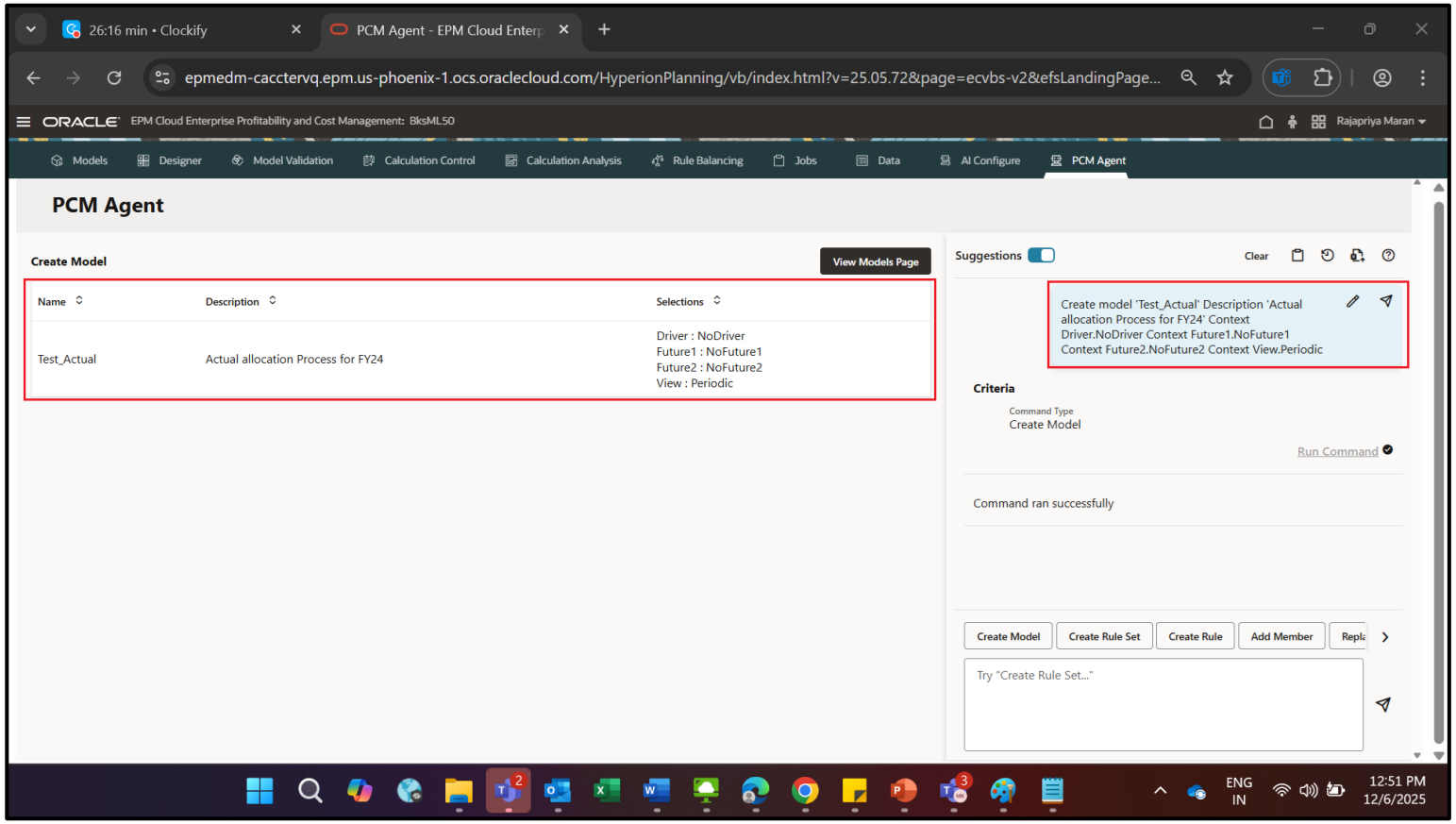
Usage: Using the PCM Agent enhances efficiency, accuracy, and time savings by automating tasks such as model creation, rule definition, and analysis. This AI agent reduces manual effort and enables users to focus on strategic analysis and decision-making.

PCM Agent -Flow



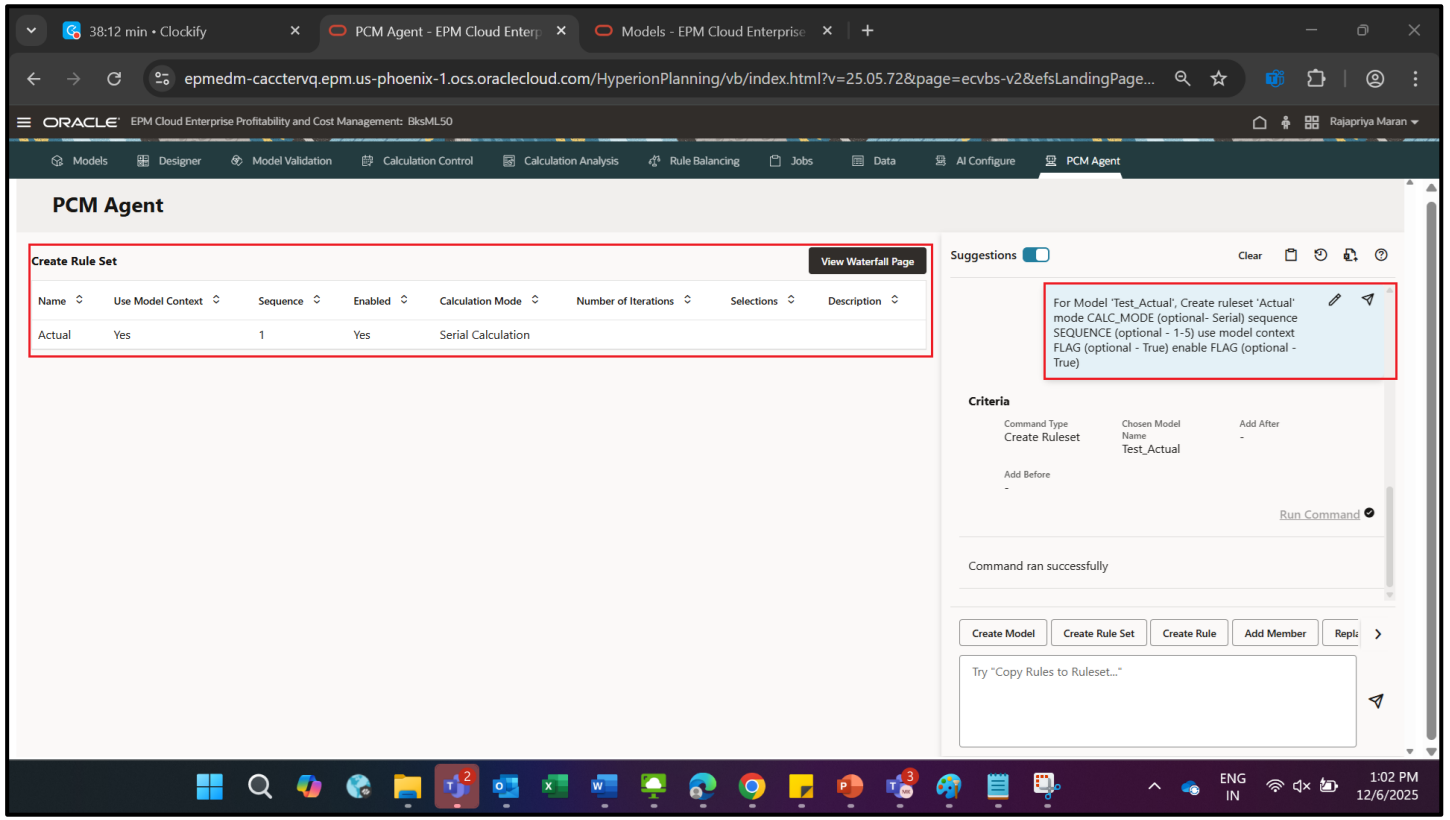
Create model using PCM Agent

Model Creation – Kindly provide the requisite text to generate the model, the model's name, description, and contextual information. The model will be instantiated based on the submitted input. Refer to the attached screenshot for details regarding the model creation process.



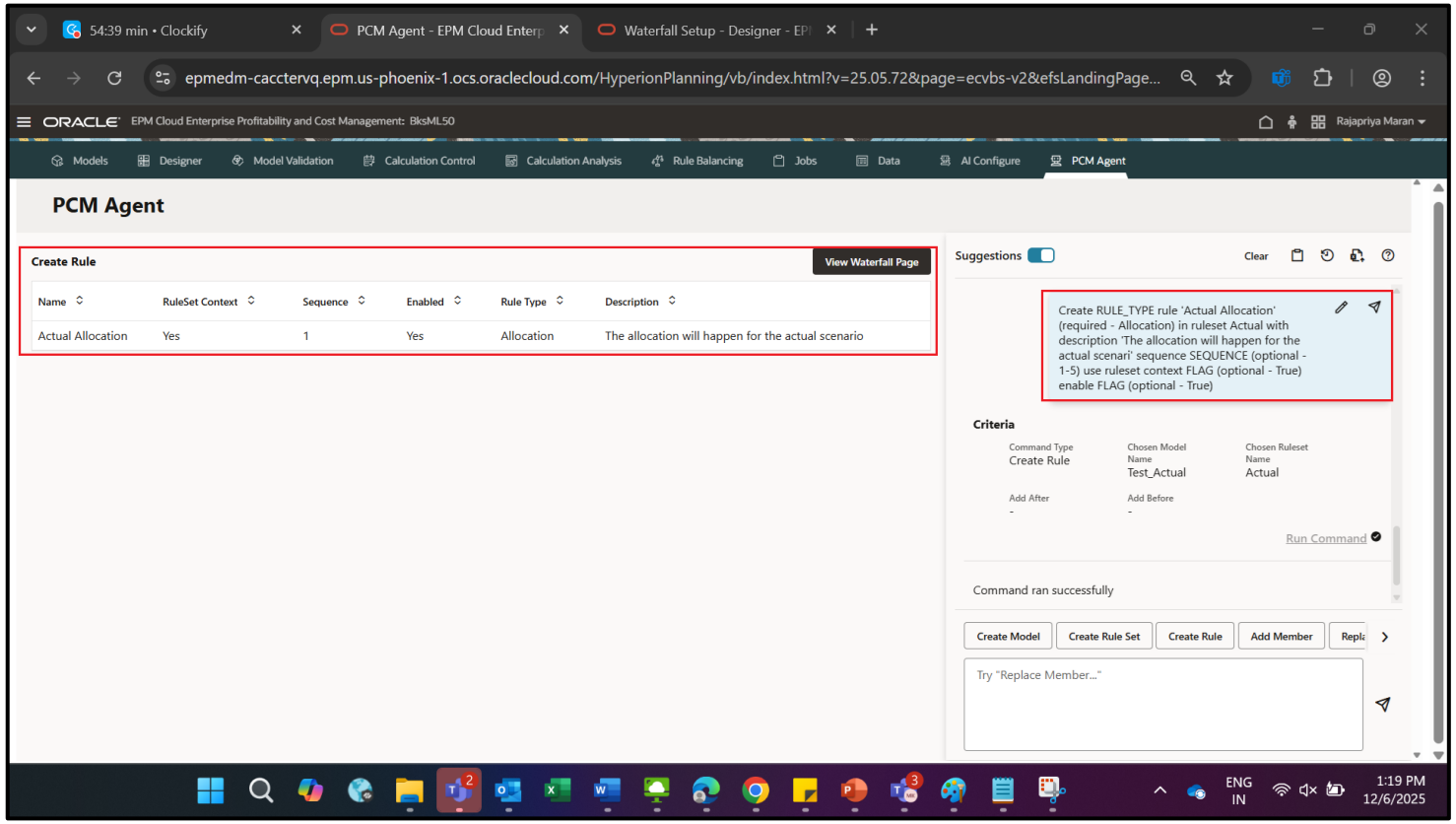
Create Ruleset using PCM Agent

Ruleset Creation - Kindly provide the requisite text to generate the ruleset, including the model name, ruleset name, calculation mode, sequence numbers, optional description, and contextual information. The ruleset will be created within the specified model. Please refer to the attached screenshot for detailed guidance on the ruleset creation process.



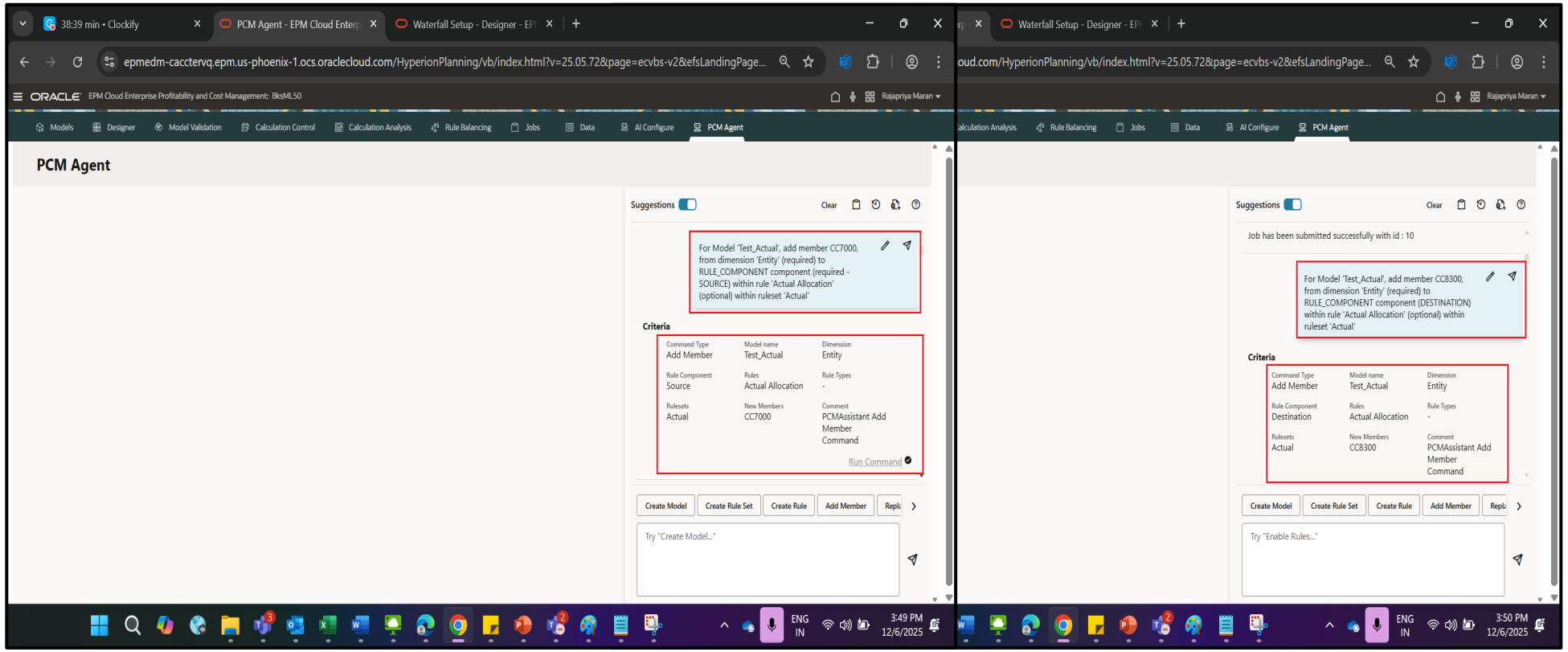
Create Rule using PCM Agent

Rule Creation – Submit the necessary information to generate a rule, including the rule name, associated ruleset name, sequence number, rule activation status, contextual details, and allocation option. The rule will be created within the specified ruleset based on the provided input. Refer to the attached screenshot for details on the rule creation process.



Adding members in rules using PCM Agent

Add Members– Using the PCM Agent, submit the dimension members for the source or dimension through the provided text. Attached is a reference screenshot showing the created members within the specific allocation rule.



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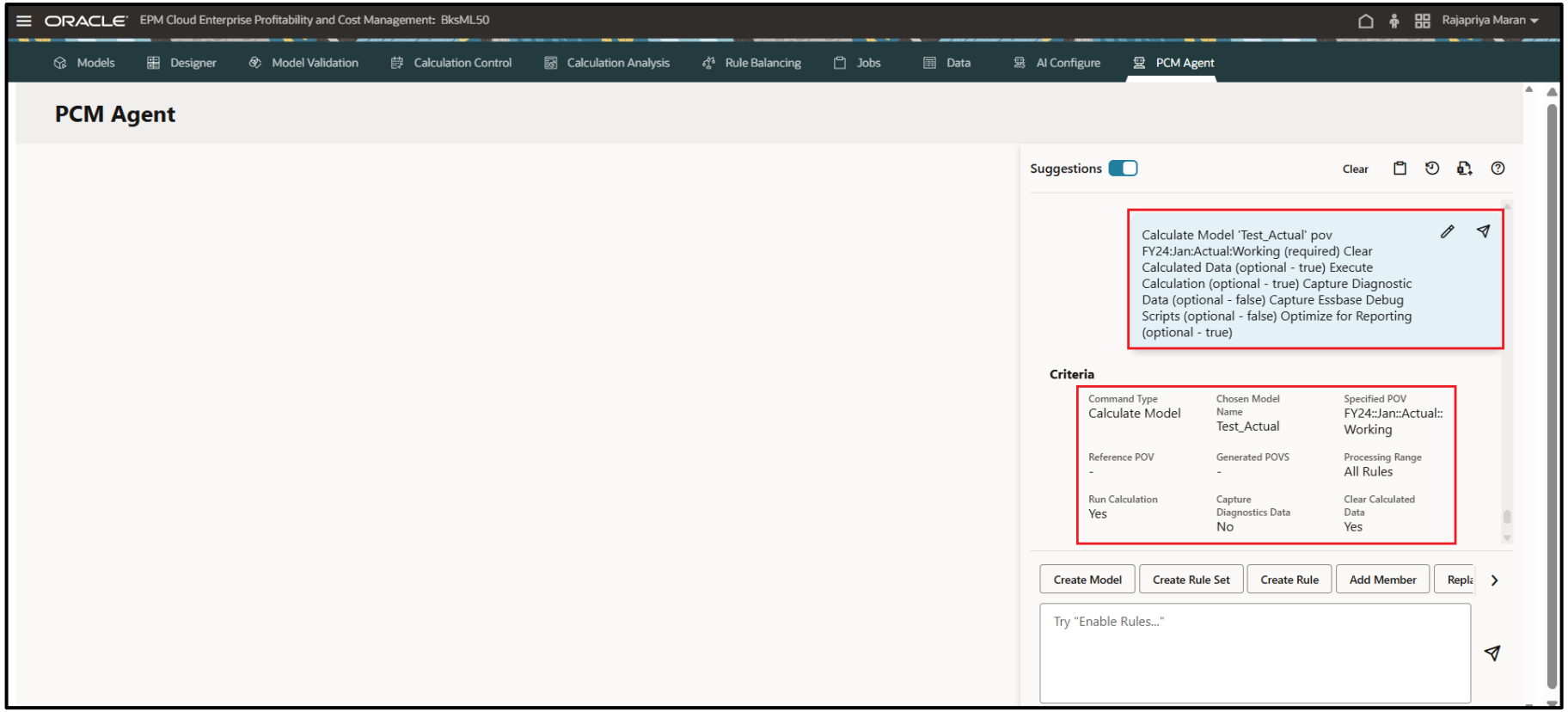
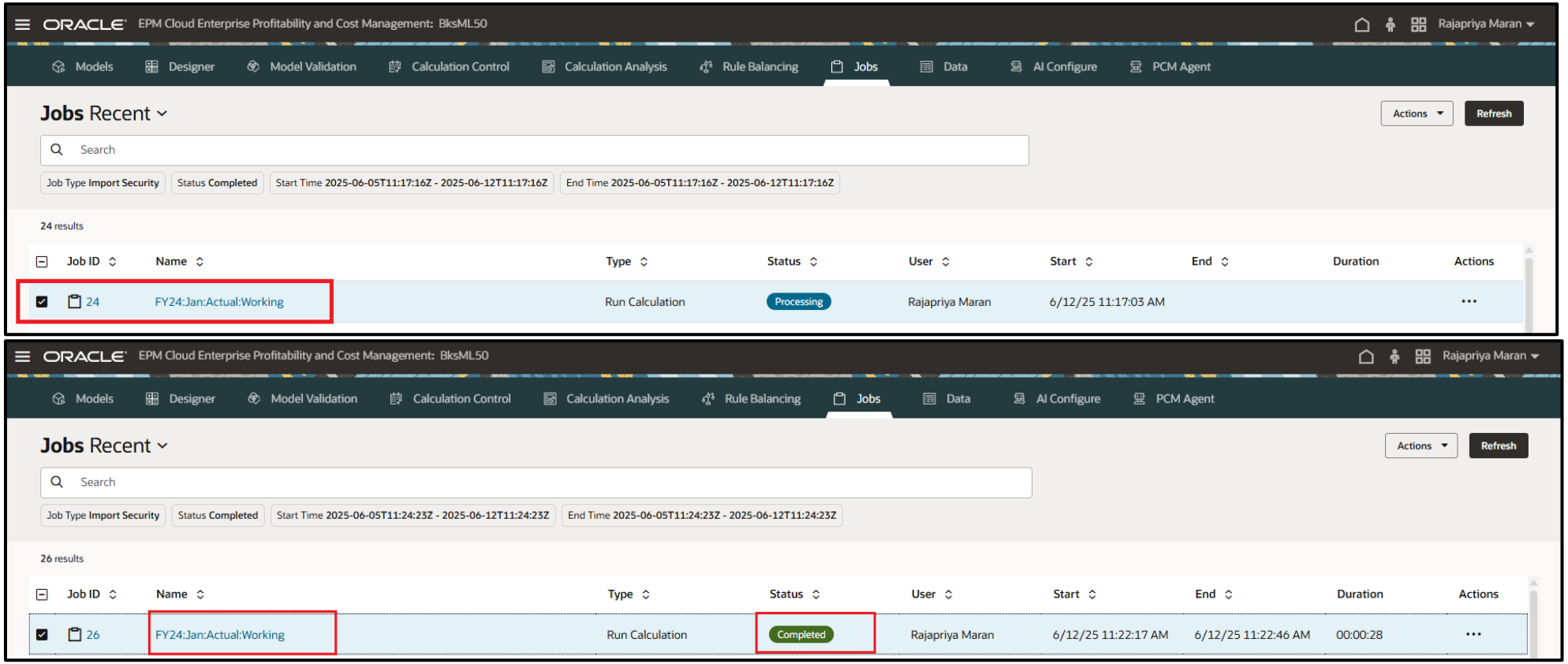
Calculate a model using PCM Agent

Allocation Calculation– Using the PCM Agent, calculate the allocation from source to destination based on the specified POV (Point of View). Attached is a screenshot of the executed allocation model.



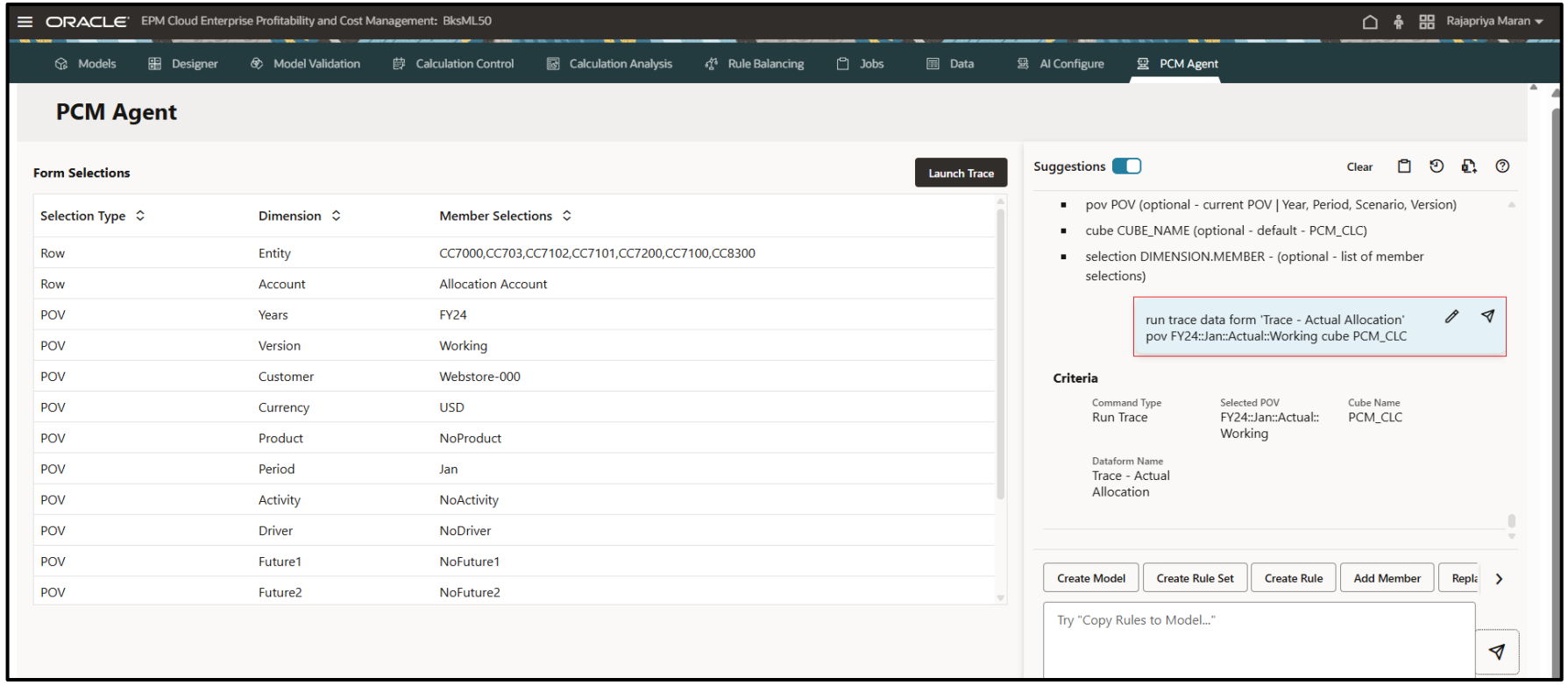
Calculate a model using PCM Agent

Added member– The attached screenshot displays the job status resulting from the execution of the allocation model.



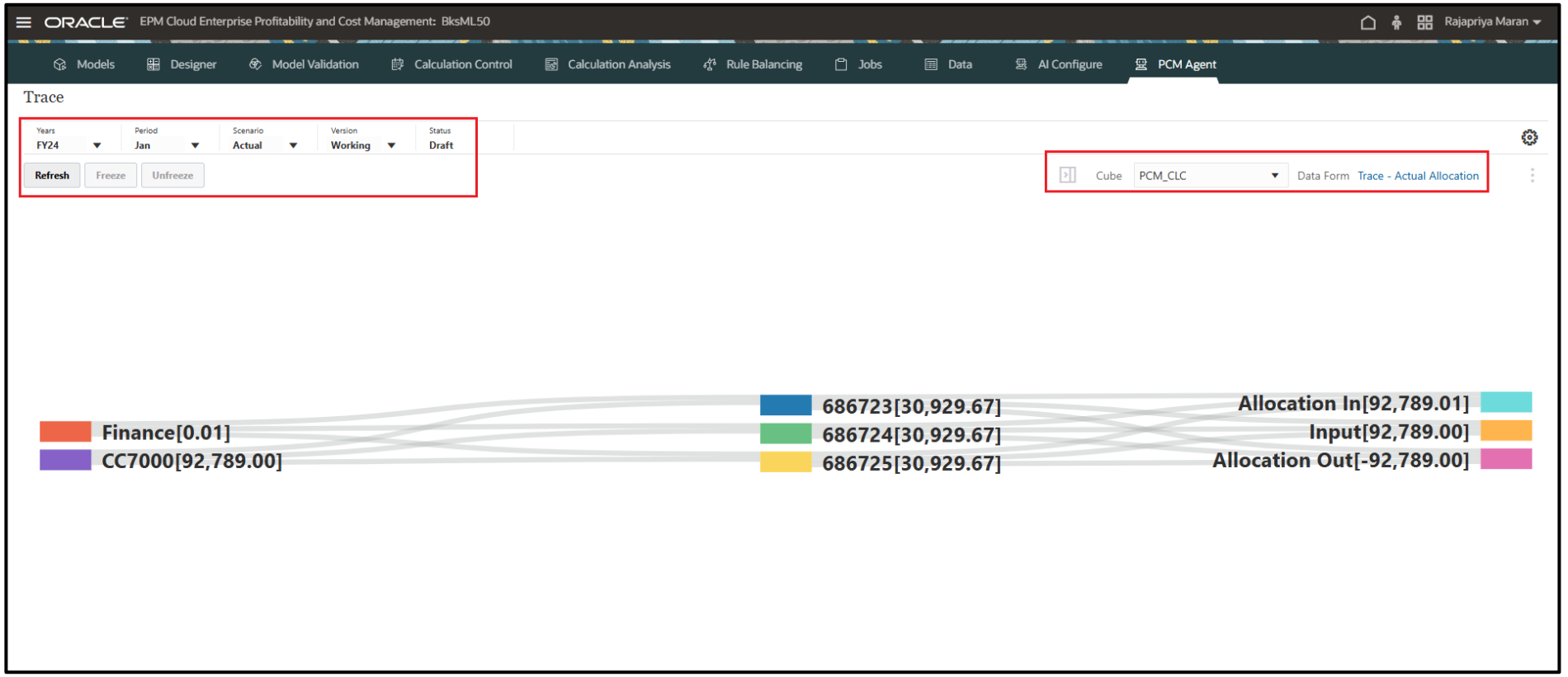
Run Trace using PCM Agent

Run Trace– Run the trace based on the specified POV using the PCM Agent. Upon execution, the allocated data both inbound and outbound can be viewed through the graphical representation for analysis and validation.



Run Trace using PCM Agent

Run Trace– Attached screenshot for the allocated data visual representation using trace.



What is your organization's current approach to cost allocation?

A. Manual allocation using spreadsheets
B. Custom-built allocation engine
C. ERP-based allocation rules
D. We do not perform cost allocation

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Narrative Reporting

Generative AI Features

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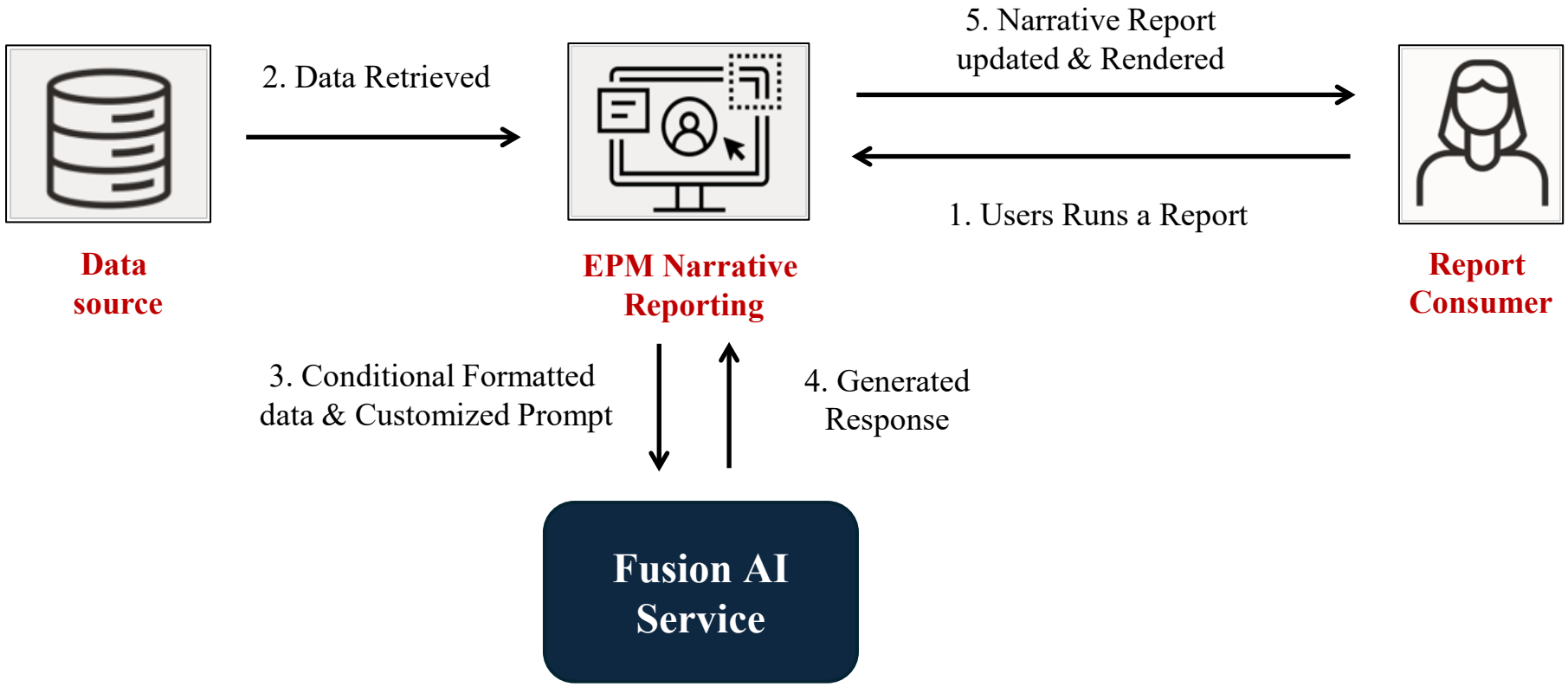
High-Level Architecture for Generative AI (GenAI) in Reports

Oracle Narrative Reporting is a cloud-based solution within Oracle EPM designed for management, regulatory, and narrative reporting. It enables organizations to combine financial data with written commentary, providing context and insights for both internal and external stakeholders.

The flow diagram uses the Generative AI feature in the management report within Oracle Narrative Reporting Cloud.



Generative AI for Management Reporting Narratives

- Reports provide the ability to utilize Generative AI (GenAI) for generating **narrative summaries** in a **text box**. It is used for following **three** cases.

Describing Exceptions

Describing the causality for exceptions

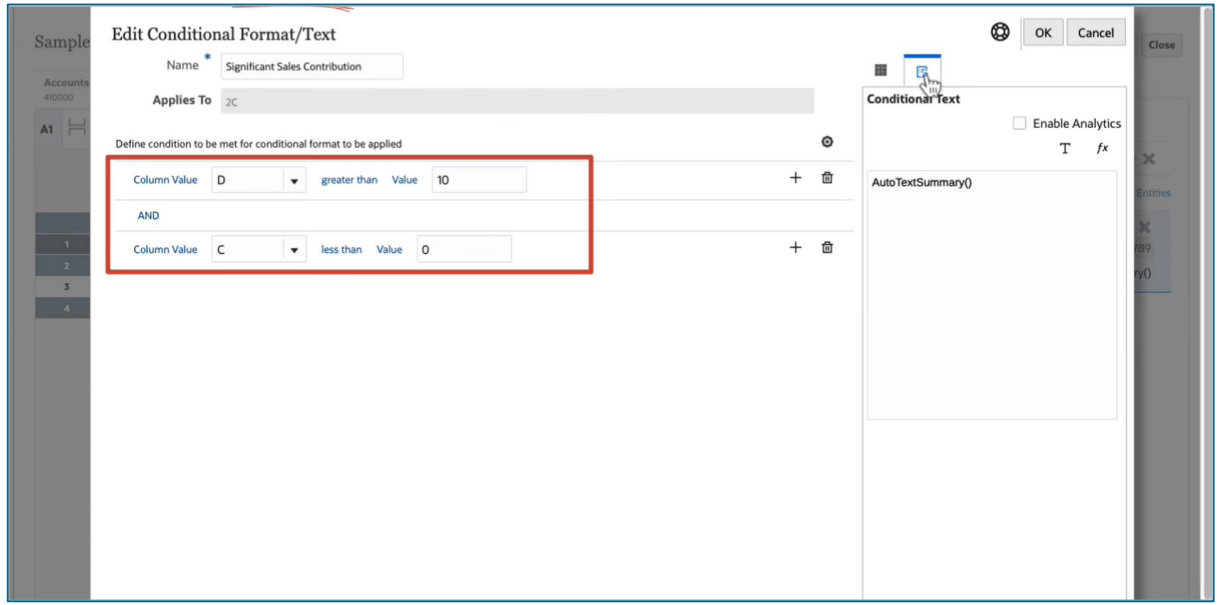
Performing a comparative analysis

- **Describing Exceptions -** Describe the **cell(s)** where a condition is satisfied.
- **Describing the causality for exceptions -** Examine one of the relevant **cell dimensions** where the condition was satisfied and describe the **top 3 contributors** to it.
- **Performing a comparative analysis -** If the grid has **prior time periods** in the **columns**, describe the cell value in **comparison** to the prior period.

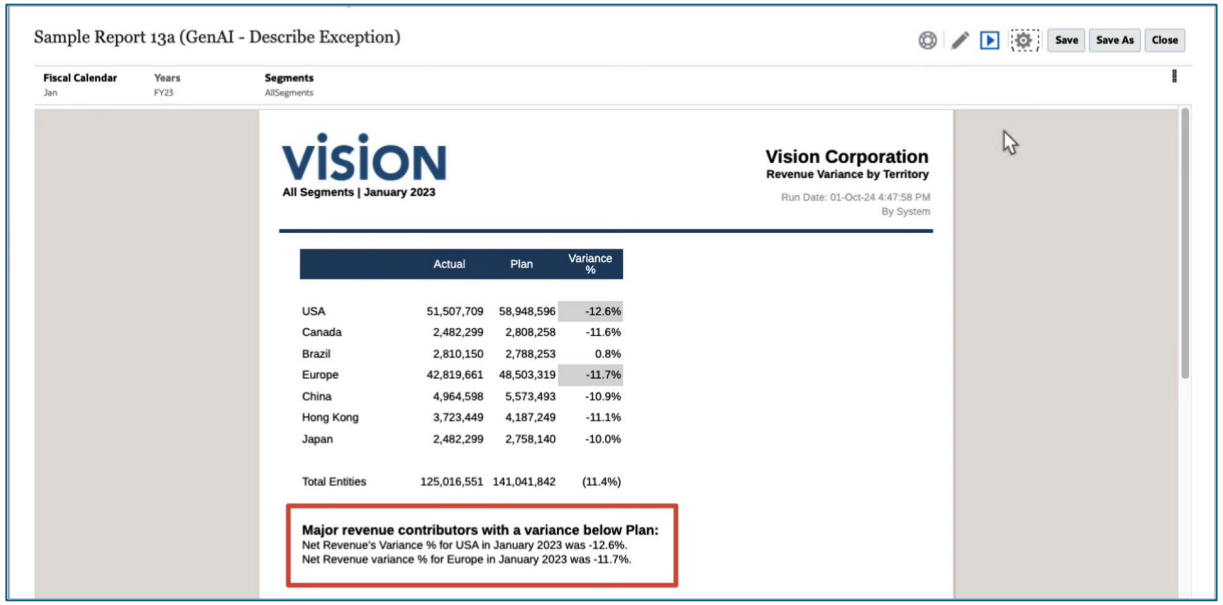
Reference Link - https://docs.oracle.com/en/cloud/saas/enterprise-performance-management-common/dmepr/working_with_genAI.html

Describing Exceptions

Conditional format



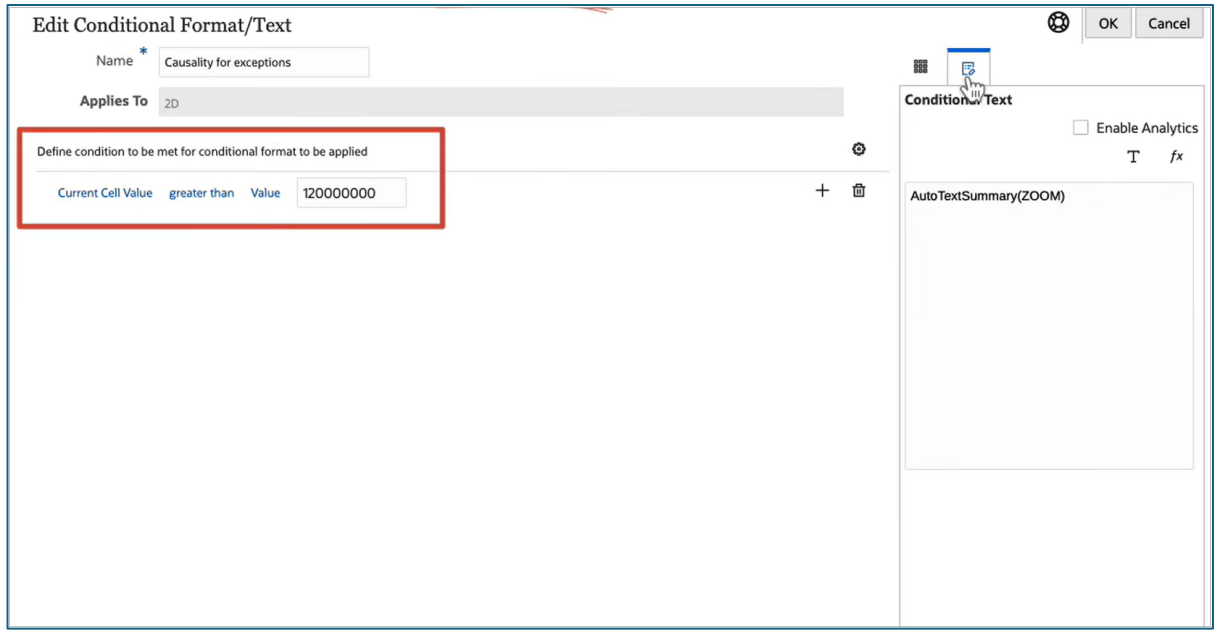
Result



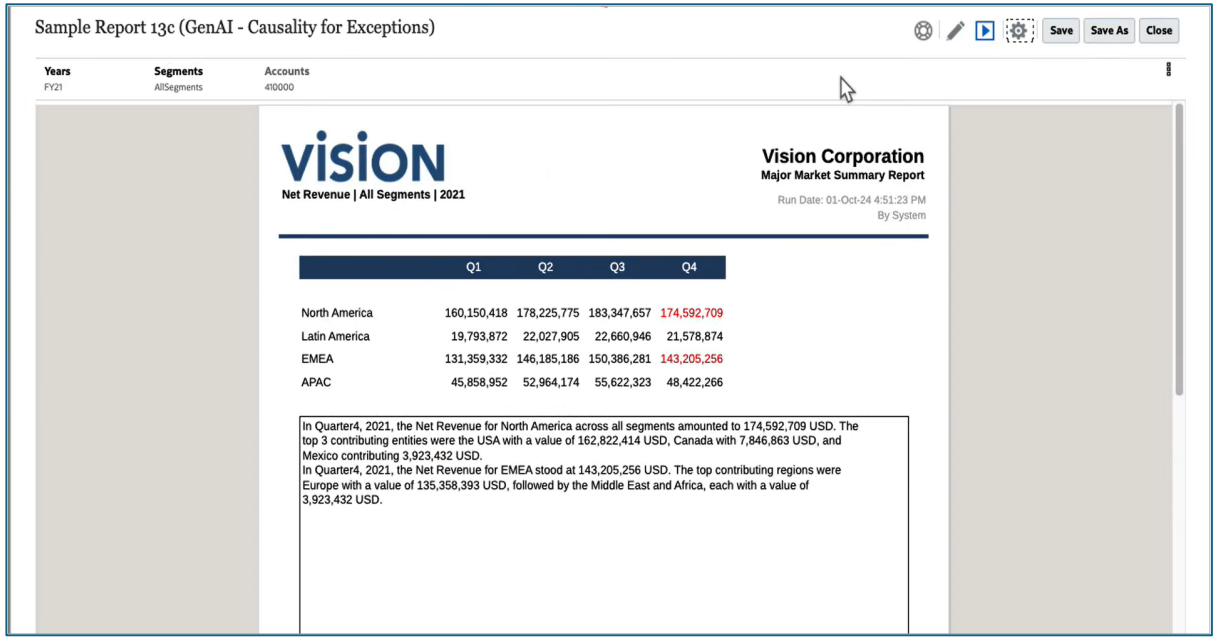
- This slide displays the **condition setup** and the **resulting AI-generated report** text (**Narrative**).
- The applied condition is: **Column D > 10** and **Column C < 0**.
- When these conditions are met, a narrative text box is automatically generated at the **bottom** of the report.

Describing the causality for exceptions

Conditional format



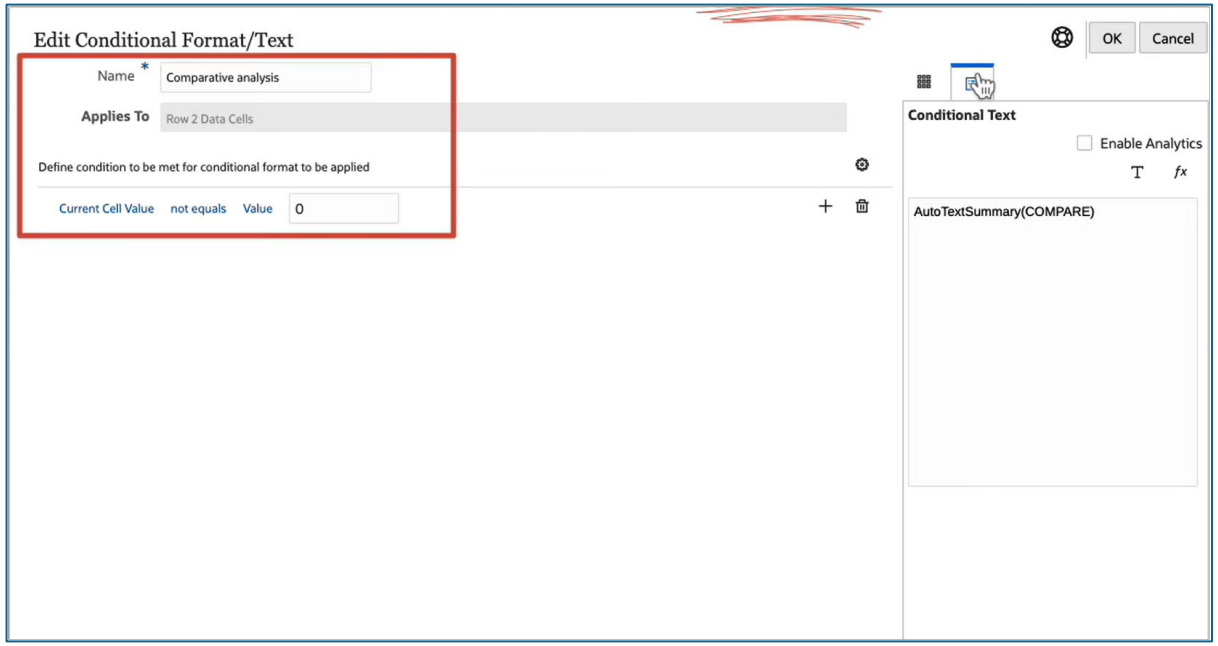
Result



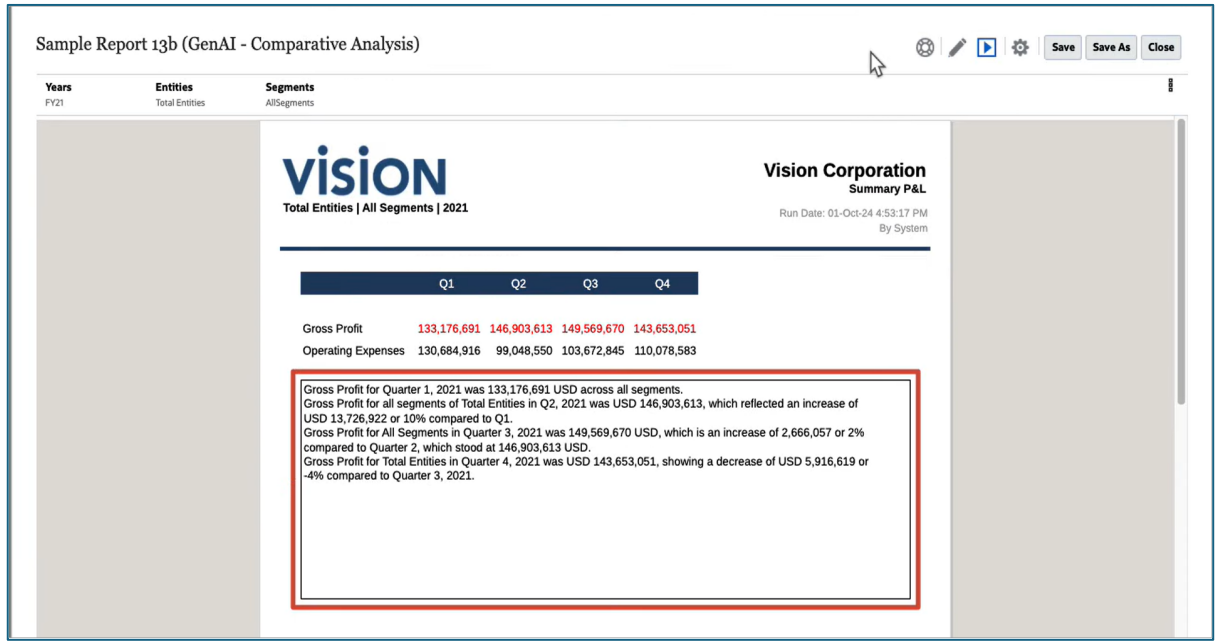
- This slide highlights a condition applied to a specific cell where the **value is greater than 12,000,000**.
- To apply this, the **respective dimension** from the grid row must be selected.
- Once the condition is met, the AI-generated narrative explains how the value was derived.
- It also provides a **contributor list** for the specific account, offering detailed breakdowns directly in the report.

Performing a comparative analysis

Conditional format



Result



- This slide shows a new condition setup and its corresponding AI-generated report text.
- The condition checks if the values for **Q1, Q2, Q3, and Q4 are not equal to 0**.
- Using the **Auto Text Summary (COMPARE)** parameter, the system compares the quarterly data and generates a narrative at the bottom of the report.

Generative AI for Governors and Limitations

Governors	Limitations
A maximum of **150 conditions** can be applied to cells in a grid. If this **limit** is **exceeded**, the Generative AI narrative text will not be generated	The comparative analysis use case can only be applied to a **Period dimension** and but not on **other dimension** types.
A maximum of **5 threads** can be used for calls to the Fusion GenAI service. If a large **Report**, **Book**, or **Bursting Definition** is running and all threads are in use, any additional executions will **queue** until threads become available	The comparative analysis use case can only be applied to a **Period dimension** and but not on **other dimension** types. Such as **Monthly**, **Quarterly** and not **mixed generation** The describe the **causality for exceptions** and the **comparative analysis** use cases can only be applied to **data** cells and not **formula** cells.

Reference Link - https://docs.oracle.com/en/cloud/saas/enterprise-performance-management-common/dmepr/working_with_genAI.html

What is your organization's strategy for automating financial insights

A. ERP-based automation
B. Manual reporting
C. We do not automate insights
D. AI-generated narratives and dashboards

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