CARAVEL
BPM Technology Solutions

Revolutionizing Financial Planning & Analysis with AI & Automation

Customer Success Webinar Series

SPEAKER **PANEL**

Arbi Villena, Director, EPM & BI, Caravel

With 17+ years in General Accounting, Budgeting & Financial Planning, Business Process Improvement, Statutory & Management Reporting, Dashboards & Data Visualization and 11+ years in Enterprise Performance Management (EPM) Software Implementation and Project Management, Arbi is the Director of EPM and BI at Caravel.

Meagan Hove | Director, Client Engagement

As Caravel's dedicated client engagement lead, Meagan has spent the last 10 years working on strengthening relationships between companies and their clients.

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AGENDA

About
Caravel

About Caravel

750+
NETSUITE
IMPLEMENTATIONS

9+
VERTICAL
SPECIALTIES

50+
IP SOLUTION
BUNDLES

1200+
GLOBAL
EMPLOYEES

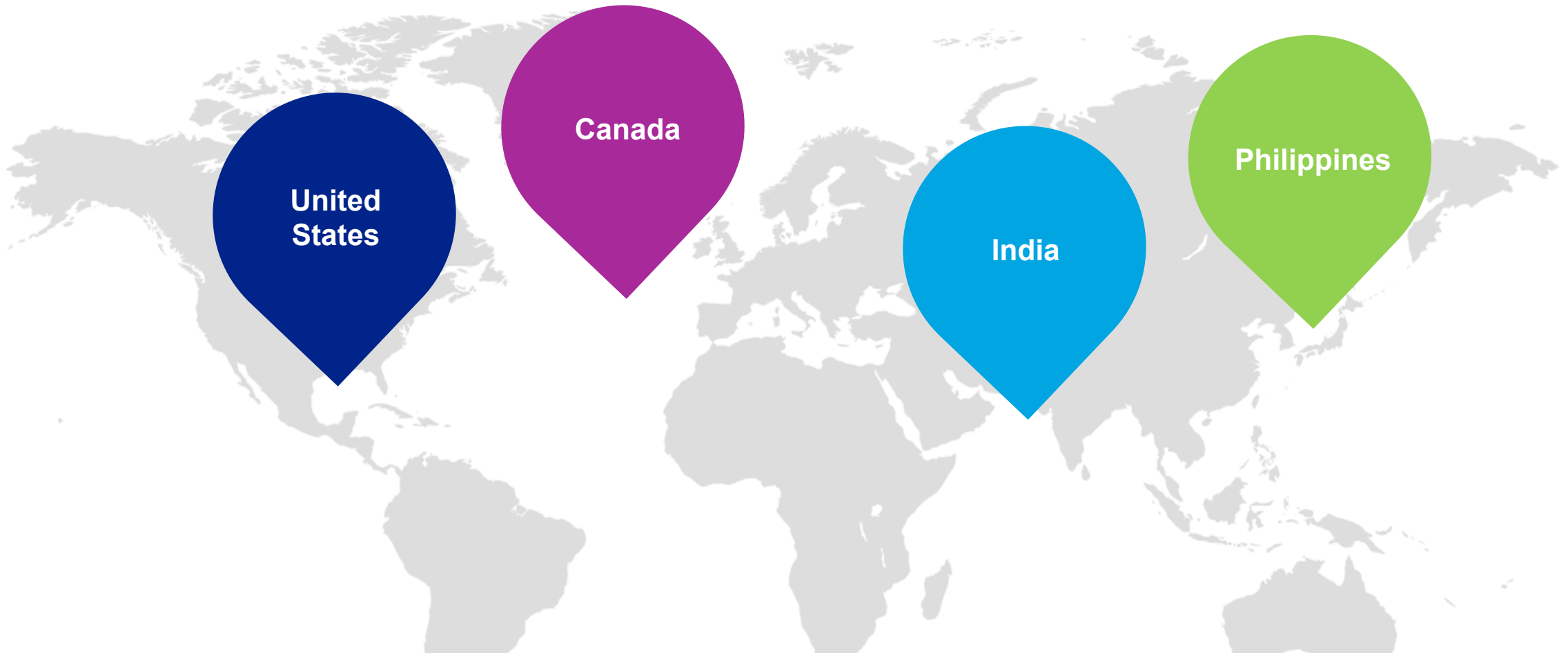**1500+**
CONSULTING
PROJECTS

150+
MANAGED
SERVICES CLIENTS

4
GLOBAL
DEPLOYMENT
CENTERS

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FOUR Global Delivery Centers

United States

Canada

India

Philippines

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Caravel SERVICES

ADVISORY
- Health Check Assessment
- Business System Assessment
- Technology Roadmap Development

IMPLEMENTATION
- Scalable Deployment Models
- Business Optimization Focus
- User Adoption Enablement

SUPPORT
- Compliment ACS or Internal Support
- Functional Technical Support Desk
- Access to Original Consultants
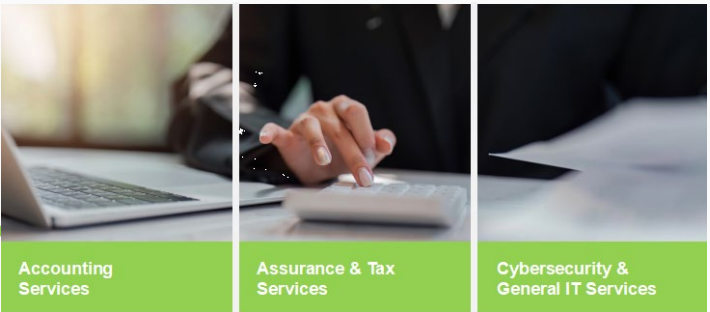
EXTENDED
- Accounting Services
- Assurance & Tax Services
- Cybersecurity & General IT Services

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NSPB

NetSuite Planning & Budgeting
Descended From Oracle Hyperion Planning

Hyperion Solutions Corporation Silicon Valley

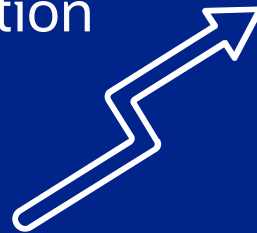February 2014 First Cloud Product Launch (9 Releases +)

6,900+ Customers

Essbase Databases are often called "Cubes"

"One of the 10 most influential technology innovations"
- Information Age

15 Years of Product Innovation
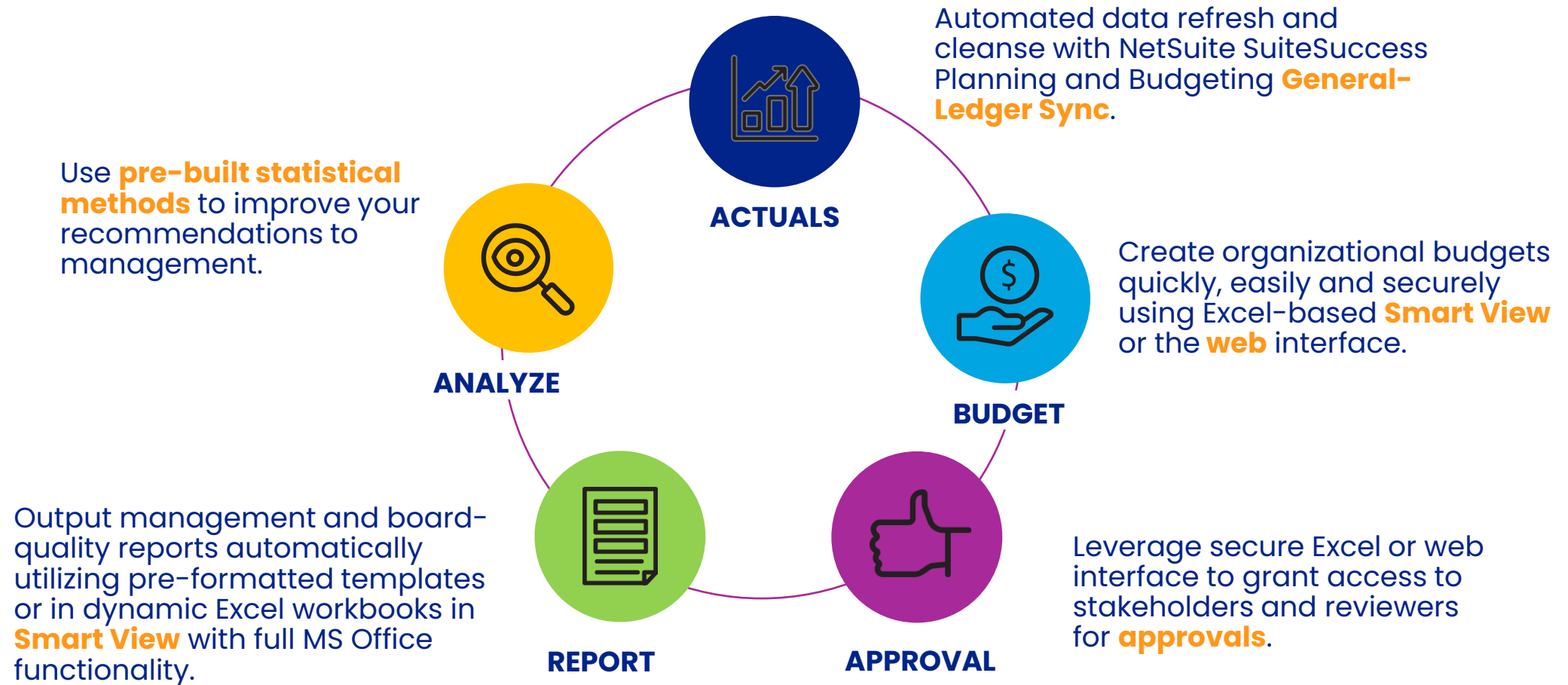
Deployments Across Industries

Medical Field, Financial Services, Higher Ed, Consumer Goods, Retail, Not for Profit, Services, High Tech, Public Sector

Oracle Acquisition of Hyperion – 2007 $3.3B

2,600+ NetSuite Customers Worldwide

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Complete Planning **and** Reporting Solution

ACTUALS

Automated data refresh and cleanse with NetSuite SuiteSuccess Planning and Budgeting **General-Ledger Sync**.

Use **pre-built statistical methods** to improve your recommendations to management.

ANALYZE

BUDGET

Create organizational budgets quickly, easily and securely using Excel-based **Smart View** or the **web** interface.

Output management and board-quality reports automatically utilizing pre-formatted templates or in dynamic Excel workbooks in **Smart View** with full MS Office functionality.

REPORT

APPROVAL

Leverage secure Excel or web interface to grant access to stakeholders and reviewers for **approvals**.

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Key Differentiators

Excel integration (SmartView) allows for complex reports to be created in seconds rather than hours or days

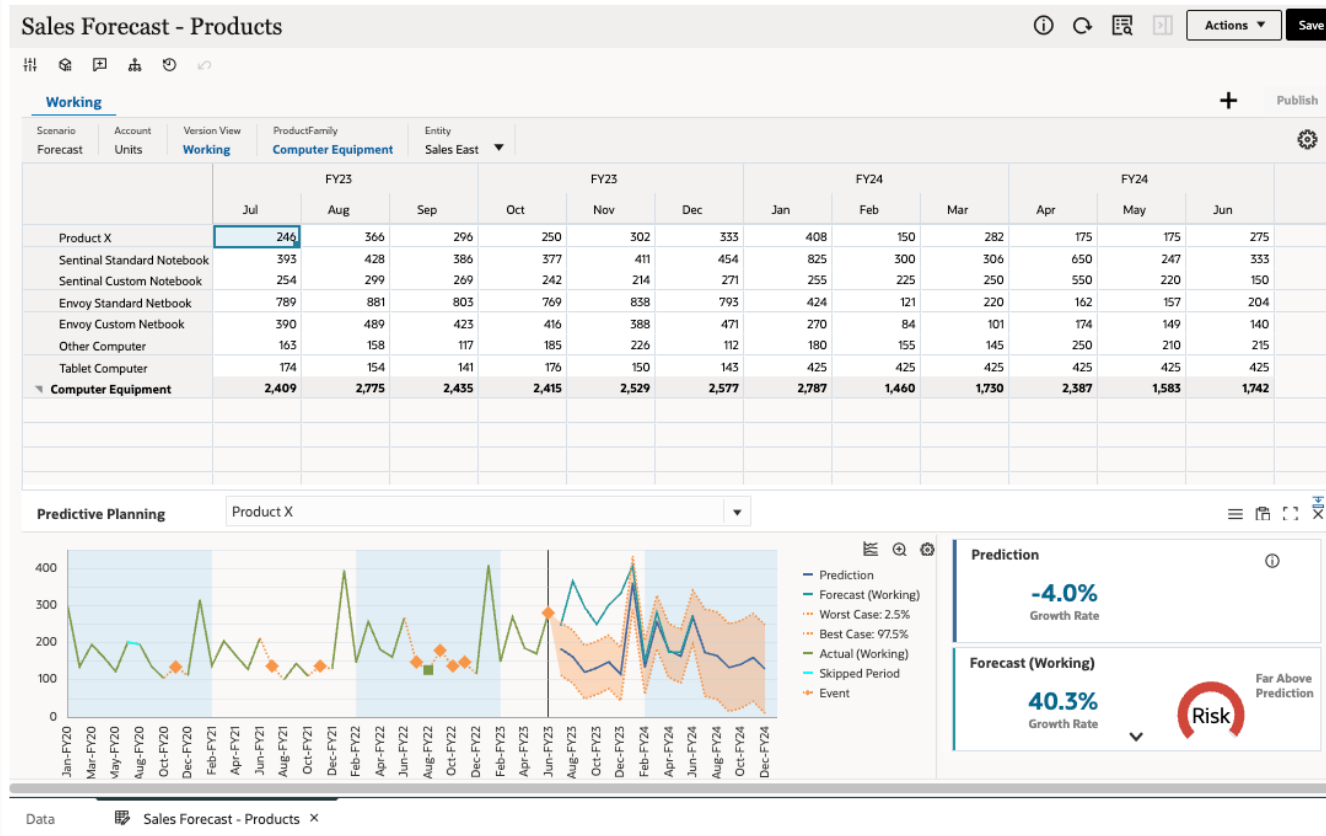Multi-dimensional design allows for consolidated as well as detailed views of inputs

Prebuilt foundational models are designed to deploy rapidly then grow with evolving business needs for continually improved ROI

Highly customizable "pixel perfect" reporting that can be automatically distributed in PDF, HTML or Excel formats

IPM | Predictive Planning

- Predict future performance based on your historical data

- You can compare and validate plans and forecasts based on the predictions

- Copy the prediction values and paste them into a forecast scenario for your plan

IPM | Intelligent Performance Management

- Integrated directly in your Planning applications to inform your planning decisions with predictive capabilities and accelerate insight discovery with financial pattern recognition

- **Auto Predict**

- **IPM Insights**

- **Machine Learning Import**

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IPM | Auto Predict

- Can define a prediction to predict future performance based on historical data

- Schedule a job to run that prediction definition, automating the prediction process.

- Uses the same forecasting and statistical methods as Predictive Planning

- Predict values for thousands of cells at once, when needed, by scheduling a job, and automatically write prediction results to a scenario/version

Use Cases

- Large amounts of data to predict.

- To jumpstart the forecasting process

- For variance analysis.

- To pre-populate your Forecast or Plan scenarios

- To keep predictions up-to-date as

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IPM | IPM Insights

Benefits

- Reduces time spent in data analysis

- Minimizes hidden biases

- Improves forecast accuracy and reliability, enhancing forecast effectiveness with informed decision-making

- Encourages collaboration with your colleagues

- Helps you detect trends early to enhance strategic decision-making

Types of Insights

- **Forecast variance and bias insights**

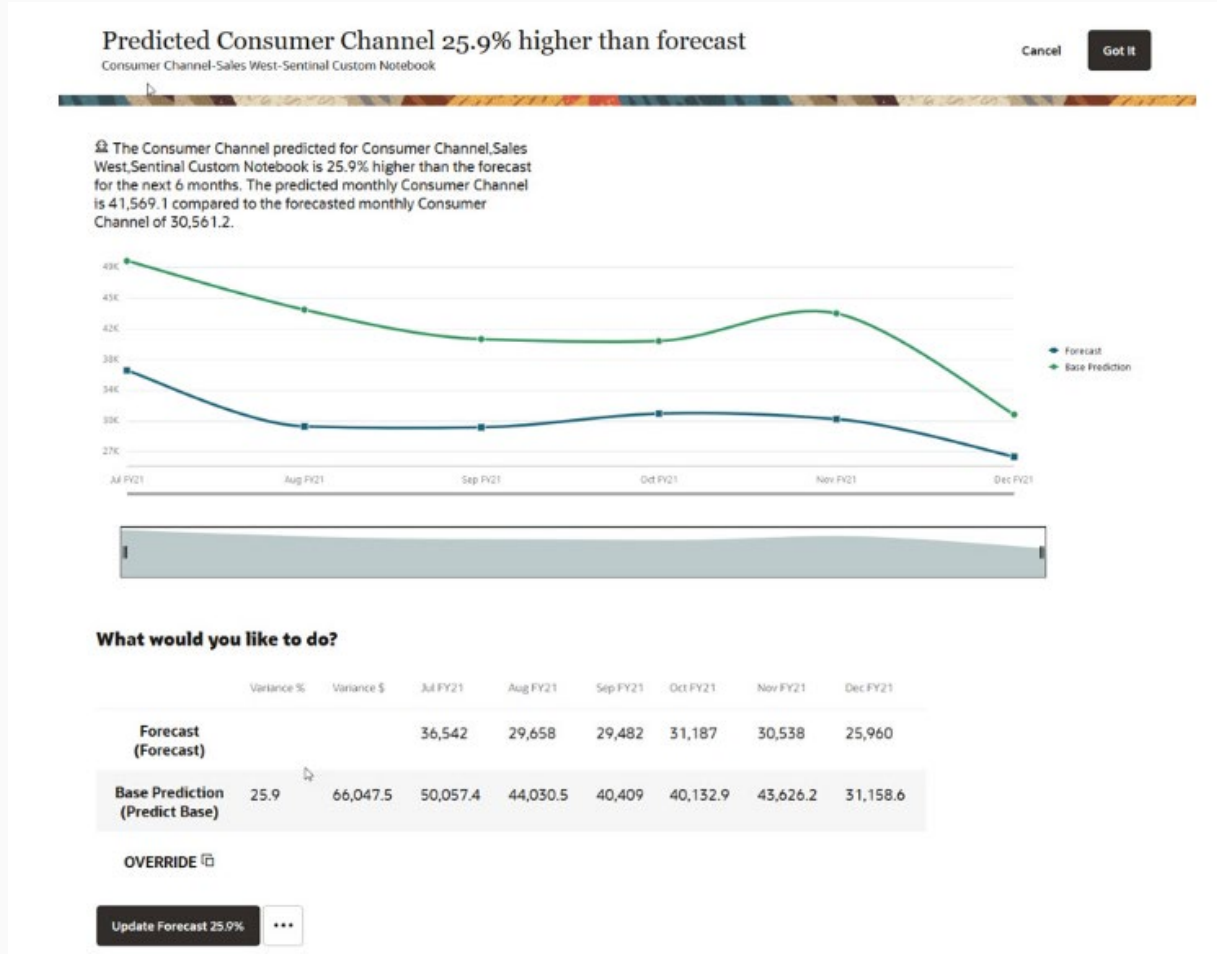- **Prediction insights**

- **Anomaly insights**

IPM | Forecast and Bias
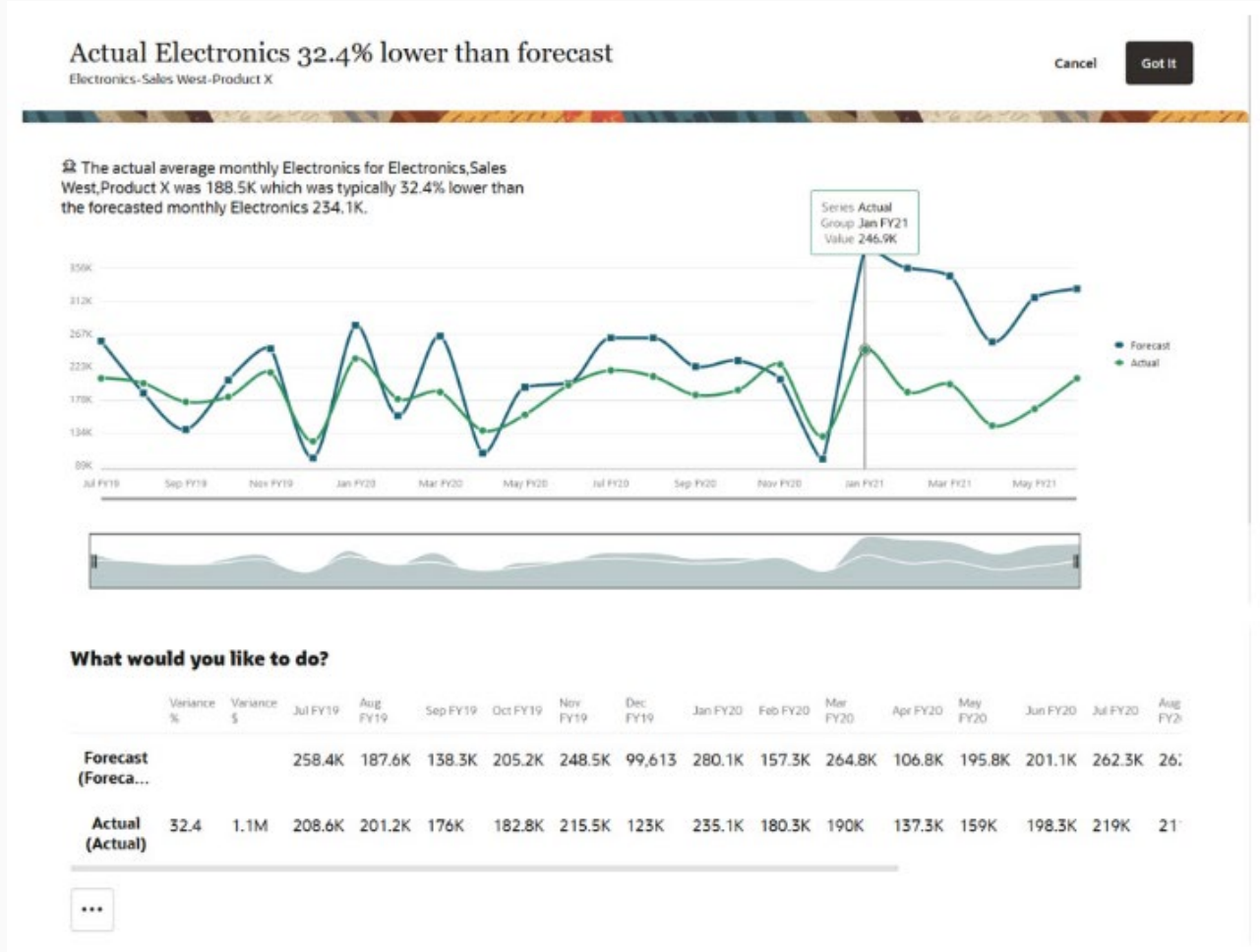
- Reveal hidden bias in forecasts

- Measures the variance or bias between two historical scenarios

- Calculates the percentage of risk associated with the current forecast

IPM | Prediction Insights

- Uncover significant deviations in forecasts compared to predicted values

- Variances between two future scenarios such as forecasts and computer-generated predictions

- Calculate a measure of risk, for example the risk of meeting a target forecast

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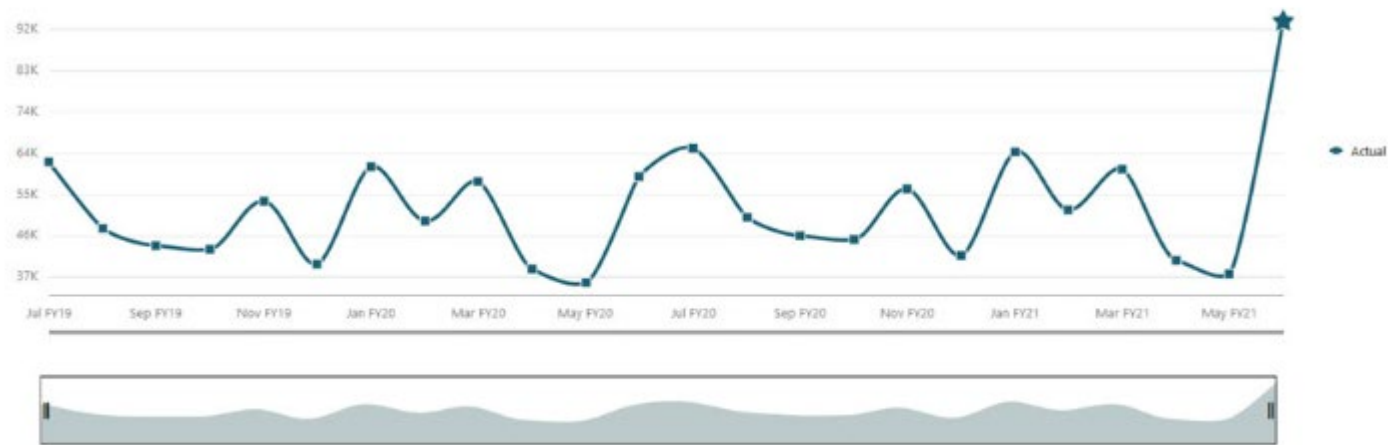
IPM | Anomaly Insights

Actual Consumer Channel 28.9% higher in Jun FY21

Consumer Channel-Sales West-Sentinal Standard Notebook

Cancel   Got it

The Consumer Channel for Consumer Channel,Sales West,Sentinal Standard Notebook in Jun FY21 was extremely higher at 94,365.0 which was 28.9% higher than the monthly average Consumer Channel (52,082.8)

- Detect unusual patterns in data that deviate from expected results

- Detects outlier values that vary widely from other values

- Triggers an insight when an outlier measure crosses the specified threshold

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IPM | Bring Your Own ML

- Import a fully trained ML model into NSPB

- Data scientists build and train the ML model in a data science tool such as any third-party tool or Oracle Data Science Cloud, and save it as a PMML (Predictive Model Markup Language, a standard language used to represent predictive models) file

- These predictive analytic models and machine learning models use statistical techniques or ML algorithms to learn patterns hidden in large volumes of historical data

Use Cases

- Product Volume Forecasting

- Internal and external driver impacts on revenue forecasts

- Predictive cash forecasting for better cash position

NSPB | Bring Your Own ML

Import ML Model

(1) Import Model — (2) Generate Rule — (3) Analyze Model — (4) Test Model

Model Mapping

Please map the ML model's output and input features with relevant cube dimensions and its members. A feature can be mapped to a dimension member (Cell value), dimension (Member value), or can be left blank (which will be used as a Prompt).

Select Cube: OEP_FS | ILvl0Descendants(YearTotal) | FY22 | OEP_Actual | OEP_Working | USD | >

Input

Feature Name	Display Name	Data Type	Input Type	Member
Product	Product	string	Member	Product
Industry.Volume	Industry.Volume	double	Cell Value	Industry_Volume ✕
Price	Price	double	Cell Value	OFS_Avg Selling Price ✕
Promotions	Promotions	double	Cell Value	OFS_Advertising and Promotion ✕

Output

Feature Name	Display Name	Data Type	Input Type	Member
Volume	Volume	double	Cell Value	OFS_Volume ✕

Cancel | Previous | Next

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Questions & Wrap-Up

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Caravel Contacts

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THANK YOU!