ORACLE RETAIL DEMAND FORECASTING

Oracle Retail Demand Forecasting is designed to handle the challenges of real-world retail forecasting incorporating the variety of customer interactions that impact sales, such as website launches, new store openings, new product introductions, price and assortment changes, promotions and discontinuation of products. The solution scales to manage large volumes of data while deriving forecasting at the lowest level of detail (by item, by store and direct channel site, by day) for products with high volumes or sparse sales, all with very little human intervention.

Overview

Accurately predicting consumer demand is one of the most difficult challenges facing retailers today—for several reasons:

• Different departments often use their own forecasting systems and processes, which means that the various parts of the company are not working toward the same goal.
• The volume of data required to generate accurate forecast projections is cumbersome and often resides in disparate systems and databases.
• Retailers often introduce new items or open new locations, but have no sales history on which to base a forecast.
• Retailers struggle to reconcile the short-term forecasts needed to support replenishment with the longer-term forecasts required for supply chain management and financial planning processes.

Introducing Oracle Retail Demand Forecasting

Oracle Retail Demand Forecasting streamlines forecasting processes and provides actionable insights by highlighting potential problem situations that require intervention or opportunities that can be pursued proactively. Customer priorities that are reflected in one enterprise forecast drive planning and optimize operations via integration with financial merchandise planning, pricing, promotions, purchasing, allocation and replenishment.

Oracle Retail Demand Forecasting allows retailers to maintain a single projection of forecasted demand across all Commerce Anywhere operations efficiently and accurately. The results they achieve include increased revenue and profitability while reducing inventory:

• Translate detailed and summarized data efficiently into forward-looking actionable insights to guide more profitable decisions.
• Automate data management and cleansing of historical anomalies, with manual updates by exception.
• Maximize forecast accuracy by applying the appropriate forecasting method to observed or predicted selling patterns.
• Adjust forecast to correct for out of stock, seasonality, recent trends and other causal factors.

KEY FEATURES

• Provides a single composite operational forecast to drive the entire retail enterprise
• Creates accurate forecasts with little human intervention
• Uses statistical time-series forecasting algorithms and state-of-the-art modeling techniques
• Basis for inventory productivity
• Captures halo & cannibalization effects of promotional actions
• Incorporates elasticity impacts of price changes
• Understands and applies demand transference impacts from assortment updates
• Provides flexibility for interpretation of multiple simultaneous effects

KEY BENEFITS

• Single forecast. Provides all departments with a common composite operational forecast to drive your enterprise
• Reduced inventory. Ensures accurate forecast is driving stock levels in order to avoid lost sales, reduce excess inventory, and minimize markdowns.
• Improved efficiency. Streamlines the forecasting process by allowing you to treat groups of locations and products as one. Processes large amounts of data quickly and highlights potential problems.
ORACLE DATA SHEET

RELATED PRODUCTS

- Oracle Retail Merchandising System
- Oracle Retail Merchandise Financial Planning
- Oracle Retail Item Planning
- Oracle Retail Assortment Planning
- Oracle Retail Category Management
- Oracle Retail Regular Price Optimization
- Oracle Retail Warehouse Management System
- Oracle Retail Replenishment Optimization
- Oracle Retail Transportation Management
- Oracle Retail Advanced Inventory Planning
- Oracle Retail Distributed Order Orchestration

- Increase revenues due to improvements in forecast accuracy for promotional and non-promotional items, as well as reduction in out of stocks.
- Reduce safety stock inventory and improve the flow of orders and inventory to meet predicted demand and actual sales.

Key Messages of Oracle Retail Demand Forecasting

A Single Forecast Connecting Planning & Execution. Oracle Retail Demand Forecasting utilizes decisions made across the business when deriving a composite operational forecast to drive purchasing, replenishment, and allocation execution. The tool incorporates pricing changes, promotional tactics, and assortment updates across the products and fulfillment locations a retailer offers. By connecting the impact of decisions to execution plans, retailers can be sure they are purchasing and placing the right amount of inventory in the right location to satisfy their Commerce Anywhere customers in the most efficient manner possible.

Advanced Science With The Art of Retail. Oracle Retail Demand Forecasting offers numerous scientific algorithms, along with advanced data mining capabilities, to ensure business variables are accounted for properly when deriving the composite operational forecast. The application will systematically select the best forecasting method based upon the demand shaping characteristics of the business, allowing users of the tool to focus on the art of driving the business efficiently. Oracle Retail Demand Forecasting continuously analyzes historical performance in conjunction with causal factors to accurately project the impact a pricing, promotion, or assortment decision may have on the forward looking composite operational forecast for a product or category. By leveraging the systematic processes of the application in real time, users of the tool are empowered to run simulations or ‘what-if’ models to verify their business decisions will correlate to execution plans that deliver the business strategy profitably.

About Oracle Retail

Oracle provides retailers with a complete, open and integrated suite of business applications, server and storage solutions that are engineered to work together to optimize every aspect of their business. 20 of the top 20 retailers worldwide - including fashion, hardlines, grocery and specialty retailers - use Oracle solutions to drive performance, deliver critical insights and fuel growth across traditional, mobile and commerce channels.

Contact Us

For more information about Oracle Retail Allocation, visit oracle.com/retail, email oneretailvoice_ww@oracle.com, or call +1.800.ORACLE1 to speak to an Oracle representative.

Oracle is committed to developing practices and products that help protect the environment

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Hardware and Software, Engineered to Work Together