

(25A) Oracle SCM Cloud: Demand Planning Implementation

Oracle Supply Chain Management (SCM) Cloud

DURATION

1 Days

MODULES

8 Lectures

COURSE CODE

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Course Overview

(25A) Oracle SCM Cloud: Demand Planning Implementation

What You Will Learn

Basic Concepts of Demand Planning

- Learning Objectives
- Topics
- Workflow Design Overview for Demand Management
- Demand Plans: Process Overview
- Defining Demand Plan Options: Plan Header
- Defining Demand Plan Scope: Plan Organizations
- Defining Demand Plan Scope: Forecasting Items
- Defining Demand Plan Scope: Example
- Defining Demand Plan Options: Plan Parameters
- Summary

Analyzing a Demand Plan

- Learning Objectives
- Analyzing Demand Plan
- Shipments History Comparison
- Shipments Forecast MAPE
- New Product Forecast
- Forecast Comparison
- Budget vs Plan
- Lock Cells When Editing or Allocating Values
- Audit Trail of Measure Updates
- Practice: 2-1
- Summary

Analyzing Forecast Methods, Levels, and Outliers

- Learning Objectives
- Topics
- Analyzing Forecast Methods
- Analyzing Forecast Methods Example
- Monitor Planning Process to Improve Data Quality
- Practice: 3-1
- Topics
- Analyzing Forecast Levels Overview
- Analyzing Forecast Levels
- Analyzing Forecast Levels Example
- Topics
- Identifying and Viewing Outliers
- Identifying and Viewing Outliers Example
- Summary

Analyzing Forecast Decomposition and Simulating Forecast Scenarios

- Learning Objectives
- Topics
- Forecasting Decomposition
- Model Decomposition
- Total Shipments Forecast Example
- Total Shipments Forecast Graphical Example
- Causal Decomposition
- Total Shipments Forecast Causal Factors Example
- Decomposition Considerations
- Demonstrations
- Topics
- Simulation Overview
- Using Simulation
- Summary

Configure Demand Plan

- Learning Objectives
- Topics
- Defining Demand Plan: Key Parameters
- Plan Options: Store Plan Data at Aggregate Time Levels
- Plan Options: Choose Profiles
- Plan Options: Forecast Internal Sales Orders
- Demand Planning Process: Best Practices
- Run Plan: Data Refresh Options
- Demand Plan Run Options
- Topics
- Configuring Forecasting Profiles: Overview

- Manage Forecasting Profiles
- Forecast Using External Machine Learning Models
- Topics
- Defining Forecast Levels: Overview
- Defining Forecast Levels: Setup
- Topics
- Configuring Causal Factors: Overview
- Configuring Causal Factors: Decomposition Group Setup
- Configuring Causal Factors: Setup
- Topics
- Configuring Forecasting Parameters: Overview
- Configuring Forecasting Parameters: Key Parameters
- Topics
- Hyperparameter Tuning
- Forecasting Parameters: Hyperparameter Tuning
- Hyperparameter Tuning Forecasting Parameters
- Hyperparameter Tuning Output Measures
- Topics
- Troubleshooting
- Demonstrations and Practices
- Summary

Forecast Configure to Order Products

- Learning Objectives
- Topics
- Configure To Order Products
- Terminology
- Setting Up Item Structure
- Viewing Component Hierarchy
- Collections Options History
- Topics
- Calculating Dependent Demand
- Forecasting Configure-to-Order Products
- Planning Percentage Type
- Planning Percentage Calculation
- Topics
- Analyzing BOM Model, Option Demand
- Analyzing BOM Model: Filter Tables by CTO Model
- Analyzing BOM Model: Link End Item to Its Configured Item Structure
- Practices:
- Topics
- Troubleshooting
- Questions
- Summary

Implementing Demand Management

- Learning Objectives
- Topics
- Positioning of Demand Management
- Topics
- Integrating with External/Internal Source
- Collecting Historical Data
- Loading CTO from Flat Files
- Supply Chain Planning Key Customer Options Template
- Supply Chain Planning Key Customer Options
- Plan at Flexible Levels for the Customer Dimension
- Aggregate and Store Measure Data
- Enabling Planning at Flexible Levels
- Increase Performance of Aggregate Collected Planning Data
- Scheduled Process
- Creating a Plan with Aggregate Data for Non-Key Customers
- Topics
- Integrating with Sales and Operation Planning
- Using Load Measures from Demand Plan to S&OP Plan
- Topics
- Integrating with Supply Planning
- Topics
- Use Deep Links to Speed Navigation
- Topics
- Troubleshooting
- Quiz
- Summary

Shape Demand

- Objectives
- Topics
- Overview of New Products Management
- Forecasting New Products
- Topics
- Managing Product Launch: Define Relationship
- Managing Product Launch: Copy Measure Data
- Generate Forecast Starting from Product Launch Date
- Stop Forecast on Product Discontinuation Date
- Manage Product Lifecycle Forecast
- Practice: 8-1
- Quiz
- Topics
- Foresee Impact of Events
- Topics
- Troubleshooting

