IBP200

SAP IBP Platform Features and Time Series Based Heuristics

COURSE OUTLINE

Course Version: 2511
Course Duration:

SAP Copyrights, Trademarks and Disclaimers

Typographic Conventions

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's presentation	
Demonstration	
Procedure	
Warning or Caution	
Hint	
Related or Additional Information	
Facilitated Discussion	
User interface control	*Example text*
Window title	*Example text*

Contents

Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Business Analyst
- Business Process Architect
- Business Process Owner/Team Lead/Power User
- Database Administrator
- Help Desk/CoE Support
- Solution Architect
- System Architect
- Trainer

UNIT 1 Introduction Supply Chain Planning with SAP IBP

Lesson 1: Optimizing Supply Chain Planning Efficiency with SAP Integrated Business Planning

Lesson Objectives

After completing this lesson, you will be able to:

- Effectively use SAP Integrated Business Planning (IBP) tools to create initial supply and demand plans.

Lesson 2: Implementing Time-Series-Based Supply Planning with SAP IBP

Lesson Objectives

After completing this lesson, you will be able to:

- Apply time-series-based algorithms using SAP IBP tools to develop accurate supply and demand plans.

Lesson 3: Demand Planning capabilities with SAP IBP for sales and operations

Lesson Objectives

After completing this lesson, you will be able to:

- Use SAP IBP forecasting algorithms in the Manage Forecast Models application to generate accurate demand forecasts.

Lesson 4: Supply Planning with SAP IBP for sales and operations

Lesson Objectives

After completing this lesson, you will be able to:

- Describe Unconstrained Planning with the Sales and Operations heuristic

UNIT 2 Navigating the User Interface

Lesson 1: Navigating in the SAP IBP Web UI

Lesson Objectives

After completing this lesson, you will be able to:

- Navigate in the SAP Integrated Business Planning Web UI.

Lesson 2: Personalizing the SAP Fiori Launchpad

Lesson Objectives

After completing this lesson, you will be able to:

- Personalize the SAP Fiori launchpad.

Lesson 3: Configuring an SAP IBP, add-in for Microsoft Excel

Lesson Objectives

After completing this lesson, you will be able to:

- Configure connections and planning views in SAP IBP, add-in for Microsoft Excel.

UNIT 3 Identifying and Importing Data Integration

Lesson 1: Identifying Data Import Options

Lesson Objectives

After completing this lesson, you will be able to:

- Identify data import options.

Lesson 2: Importing Data Using the SAP IBP Web UI

Lesson Objectives

After completing this lesson, you will be able to:

- Import data using the SAP Integrated Business Planning Web UI.

UNIT 4

Creating and Performing Microsoft Excel Planning and Reporting

Lesson 1: Creating a Microsoft Excel Template and Favorite

Lesson Objectives

After completing this lesson, you will be able to:

- Create a Microsoft Excel template and favorite.

Lesson 2: Performing a Simulation

Lesson Objectives

After completing this lesson, you will be able to:

- Perform a simulation.

UNIT 5 Disaggregating and Using Key Figure Functions

Lesson 1: Incorporating Disaggregation Methods in SAP IBP

Lesson Objectives

After completing this lesson, you will be able to:

- Aggregation and Disaggregation Methods in SAP IBP.

Lesson 2: Fixing Key Figure Values in the Planning View

Lesson Objectives

After completing this lesson, you will be able to:

- Fix key figure values.

Lesson 3: Creating Planning Notes

Lesson Objectives

After completing this lesson, you will be able to:

- Create Planning Notes.

UNIT 6 Modeling and Creating Analytics and Reporting

Lesson 1: Modeling a Business Process Using SAP IBP

Lesson Objectives

After completing this lesson, you will be able to:

- Model a business process using SAP IBP.

Lesson 2: Creating a Dashboard Chart

Lesson Objectives

After completing this lesson, you will be able to:

- Create a dashboard chart.

Lesson 3: Creating an Analytics Drill Down Chart

Lesson Objectives

After completing this lesson, you will be able to:

- Create an Analytics Drill Down Chart.

UNIT 7

Configuring and Using Change History

Lesson 1: Configuring and Using Change History

Lesson Objectives

After completing this lesson, you will be able to:

- Configure and use change history.

UNIT 8 Explaining and Analyzing Supply Planning

Lesson 1: Explaining the Key Features and Functionality of Supply Planning

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the benefits and features of Sales and Operations Planning and Supply Planning within SAP Integrated Business Planning.

Lesson 2: Analyzing a Supply Planning Run

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Network Modelling and analyze the results of a supply planning run.

UNIT 9 Modeling Master Data Types in Supply Planning

Lesson 1: Describing General Master Data Types

Lesson Objectives

After completing this lesson, you will be able to:

- Describe master data types in supply planning within SAP IBP.

Lesson 2: Modeling Sourcing Rules

Lesson Objectives

After completing this lesson, you will be able to:

- Model sourcing rules and quotas.

Lesson 3: Modeling Multilevel Production

Lesson Objectives

After completing this lesson, you will be able to:

- Model multilevel bills of material.

Lesson 4: Modeling Handling and Storage Resources

Lesson Objectives

After completing this lesson, you will be able to:

- Model handling and storage resources.

UNIT 10 Explaining Key Figures

Lesson 1: Explaining how Attributes can be Modelled as Key Figures

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how attributes can be modelled as key figures.

Lesson 2: Explaining Input Key Figures

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the purpose and identify examples of input key figures.

Lesson 3: Explaining Output Key Figures

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the purpose and identify examples of output key figures.

Lesson 4: Explaining Input/Output and Helper Key Figures

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the purpose of input/output key figures and helper key figures for supply planning.

UNIT 11

Describing Supply Planning Operators Heuristic

Lesson 1: Describing the SAP Supply Chain Management Operator

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the SAP Supply Chain Management operator.

Lesson 2: Describing Types of Algorithms

Lesson Objectives

After completing this lesson, you will be able to:

- Describe algorithm types for supply planning parameters.

Lesson 3: Describing Other Parameters for the Heuristic

Lesson Objectives

After completing this lesson, you will be able to:

- Identify and describe the parameters of the planning operator.

UNIT 12 Planning with Lot Sizes

Lesson 1: Modeling Lot Size

Lesson Objectives

After completing this lesson, you will be able to:

- Describe production and transportation lot sizes.

UNIT 13

Explaining In-transit and Downstream Figures

Lesson 1: Explaining In-Transit Key Figures

Lesson Objectives

After completing this lesson, you will be able to:

- Explain in-transit key figures.

Lesson 2: Explaining Downstream Key Figures

Lesson Objectives

After completing this lesson, you will be able to:

- Explain downstream key figures for location-centric view.

UNIT 14

Adjusted Key Figures in Supply Planning

Lesson 1: Explaining Adjusted Key Figures

Lesson Objectives

After completing this lesson, you will be able to:

- Explain adjusted key figures.

UNIT 15

Modeling, Controlling, and Consuming Advanced Supply Planning

Lesson 1: Modeling Co-Products

Lesson Objectives

After completing this lesson, you will be able to:

- Model co-products.

Lesson 2: Modeling Production Lead Time

Lesson Objectives

After completing this lesson, you will be able to:

- Model production lead time.

Lesson 3: Controlling Component Offset

Lesson Objectives

After completing this lesson, you will be able to:

- Control component consumption.

Lesson 4: Consuming Capacity Accurately

Lesson Objectives

After completing this lesson, you will be able to:

- Consume capacity accurately.

UNIT 16

Describing Subnetwork Planning

Lesson 1: Describing Subnetwork Planning

Lesson Objectives

After completing this lesson, you will be able to:

- Describe subnetwork planning.