

# IBP200

## SAP IBP Platform Features and Time Series Based Heuristics

### COURSE OUTLINE

Course Version: 2505

Course Duration:

# SAP Copyrights, Trademarks and Disclaimers

© 2025 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. Please see <https://www.sap.com/corporate/en/legal/copyright.html> for additional trademark information and notices.

Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors.

National product specifications may vary.

These materials may have been machine translated and may contain grammatical errors or inaccuracies.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP SE or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP SE or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE's or its affiliated companies' strategy and possible future developments, products, and/or platform directions and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.

# 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

## vii Course Overview

### 1 Unit 1: Introduction Supply Chain Planning with SAP IBP

- |   |   |
|---|---|
| 1 | Lesson: Optimizing Supply Chain Planning Efficiency with SAP Integrated Business Planning |
| 1 | Lesson: Implementing Time-Series-Based Supply Planning with SAP IBP                       |
| 1 | Lesson: Demand Planning capabilities with SAP IBP for sales and operations                |
| 1 | Lesson: Supply Planning with SAP IBP for sales and operations                             |

### 3 Unit 2: Navigating the User Interface

- |   |  |
|---|--|
| 3 | Lesson: Navigating in the SAP IBP Web UI                   |
| 3 | Lesson: Personalizing the SAP Fiori Launchpad              |
| 3 | Lesson: Configuring an SAP IBP, add-in for Microsoft Excel |

### 5 Unit 3: Identifying and Importing Data Integration

- |   |   |
|---|---|
| 5 | Lesson: Identifying Data Import Options         |
| 5 | Lesson: Importing Data Using the SAP IBP Web UI |

### 7 Unit 4: Creating and Performing Microsoft Excel Planning and Reporting

- |   |  |
|---|--|
| 7 | Lesson: Creating a Microsoft Excel Template and Favorite |
| 7 | Lesson: Performing a Simulation                          |

### 9 Unit 5: Disaggregating and Using Key Figure Functions

- |   |   |
|---|---|
| 9 | Lesson: Incorporating Disaggregation Methods in SAP IBP |
| 9 | Lesson: Fixing Key Figure Values in the Planning View   |
| 9 | Lesson: Creating Planning Notes                         |

### 11 Unit 6: Modeling and Creating Analytics and Reporting

- |    |   |
|----|---|
| 11 | Lesson: Modeling a Business Process Using SAP IBP |
| 11 | Lesson: Creating a Dashboard Chart                |
| 11 | Lesson: Creating an Analytics Drill Down Chart    |

### 13 Unit 7: Configuring and Using Change History

- |    |  |
|----|--|
| 13 | Lesson: Configuring and Using Change History |
|----|--|

<b>15</b>	<b>Unit 8:</b>	<b>Explaining and Analyzing Supply Planning</b>
15		Lesson: Explaining the Key Features and Functionality of Supply Planning
15		Lesson: Analyzing a Supply Planning Run
<b>17</b>	<b>Unit 9:</b>	<b>Modeling Master Data Types in Supply Planning</b>
17		Lesson: Describing General Master Data Types
17		Lesson: Modeling Sourcing Rules
17		Lesson: Modeling Multilevel Production
17		Lesson: Modeling Handling and Storage Resources
<b>19</b>	<b>Unit 10:</b>	<b>Explaining Key Figures</b>
19		Lesson: Explaining how Attributes can be Modelled as Key Figures
19		Lesson: Explaining Input Key Figures
19		Lesson: Explaining Output Key Figures
19		Lesson: Explaining Input/Output and Helper Key Figures
<b>21</b>	<b>Unit 11:</b>	<b>Describing Supply Planning Operators Heuristic</b>
21		Lesson: Describing the SAP Supply Chain Management Operator
21		Lesson: Describing Types of Algorithms
21		Lesson: Describing Other Parameters for the Heuristic
<b>23</b>	<b>Unit 12:</b>	<b>Planning with Lot Sizes</b>
23		Lesson: Modeling Lot Size
<b>25</b>	<b>Unit 13:</b>	<b>Explaining In-transit and Downstream Figures</b>
25		Lesson: Explaining In-Transit Key Figures
25		Lesson: Explaining Downstream Key Figures
<b>27</b>	<b>Unit 14:</b>	<b>Adjusted Key Figures in Supply Planning</b>
27		Lesson: Explaining Adjusted Key Figures
<b>29</b>	<b>Unit 15:</b>	<b>Modeling, Controlling, and Consuming Advanced Supply Planning</b>
29		Lesson: Modeling Co-Products
29		Lesson: Modeling Production Lead Time
29		Lesson: Controlling Component Offset
29		Lesson: Consuming Capacity Accurately
<b>31</b>	<b>Unit 16:</b>	<b>Describing Subnetwork Planning</b>
31		Lesson: Describing Subnetwork Planning

# 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





## **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



## 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





## 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



## 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



### **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





## 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



## 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



## 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



## Lesson 1: Modeling Lot Size

### Lesson Objectives

After completing this lesson, you will be able to:

- Describe production and transportation lot sizes





## 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



## Lesson 1: Explaining Adjusted Key Figures

### Lesson Objectives

After completing this lesson, you will be able to:

- Explain adjusted key figures



## 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



## Lesson 1: Describing Subnetwork Planning

### Lesson Objectives

After completing this lesson, you will be able to:

- Describe subnetwork planning