IBP400 - SAP IBP for Inventory Training

Duration: **5 Day**

BİLGİNÇ IT Academy
info@bilginc.com
bilginc.com

The **SAP IBP for Inventory** course provides a deep understanding of**inventory planning and optimization** within **SAP Integrated Business Planning (IBP)**.

You will learn how SAP IBP for Inventory integrates with S&OP (Sales and Operations Planning) processes and how its optimization capabilities help improve service levels and working capital efficiency.

Instructor-led training is complemented with hands-on exercises covering key topics such as multi-echelon inventory optimization, forecast error analysis, AI-assisted inventory planning, and scenario simulation.

Prerequisites

Essential:

- **IBP100 – SAP IBP for Supply Chain, Overview**
- **IBP200 – SAP IBP Platform Features and Time Series Planning**
- **IBP300 – SAP IBP Advanced Configuration**

Recommended:

- Experience with **SAP IBP for Demand and S&OP processes**
- Knowledge of **Supply Chain optimization and KPIs**

Who Should Attend

- **Application Consultants**
- **Business Process Owners / Team Leads / Power Users**
- **Solution Architects**

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What You Will Learn

After completing this course, you will be able to:

- Explain the core features of **SAP IBP for Inventory**.
- Configure and implement **single- and multi-stage inventory optimization**.
- Identify and use **master data, attributes, and key figures**.
- Integrate inventory planning into the **S&OP process**.
- Use **ABC/XYZ segmentation**, forecast error calculation, and demand propagation.
- Execute and analyze an **inventory optimization run**.
- Utilize **AI-assisted analysis** and the **Supply Chain Network App**.
- Validate inputs and review inventory plans for scenario management.

Training Outline

- Introduction to SAP IBP for Inventory and Optimization Basics
- Inventory Planning and Optimization Concepts
- Integration of SAP IBP for Inventory in S&OP
- Master Data, Attributes and Key Figures
- Forecast Error and Uncertainty Handling
- Multi-Echelon and Single-Stage Optimization Methods
- Safety Stock Drivers and Service Level Calculation
- Running the Inventory Optimization Operator
- Inventory Profiles and Optimization Processes
- Scenario Planning and Network Capital Analysis
- Supply Chain Network & Inventory Analysis Apps
- AI-Assisted Inventory and Data Workbench Integration
- Planning Results, Diagnostics and Validation
- Lifecycle and Holistic Inventory Review