

Production Planning with SAP S/4HANA PP/DS

Course Duration: 40 Hours

Course Code : PP/DS

1. Course Overview

The **Production Planning with SAP S/4HANA PP/DS** course provides a comprehensive understanding of **Production Planning and Detailed Scheduling (PP/DS)** within the SAP S/4HANA environment. Participants will learn how to optimize production processes, manage resources effectively, and align supply with demand through advanced planning strategies. This course covers core functionalities such as material planning, order creation, capacity planning, and integration with other SAP modules. By the end of the course, learners will be able to implement PP/DS to streamline manufacturing processes and achieve greater efficiency.

2. What You'll Learn

- Fundamentals of **PP/DS in SAP S/4HANA**.
- Setting up and managing **master data** for production planning.
- Running **material requirements planning (MRP)**.
- Creating and managing planned orders and production orders.
- Using **capacity planning and resource scheduling**.
- Integration of PP/DS with **sales, procurement, and inventory management**.
- Best practices for improving production efficiency.

3. Target Audience

- SAP consultants and application specialists.
- Production planners and manufacturing professionals.
- Supply chain management experts.
- Project team members responsible for **production planning and scheduling**.

4. Pre-Requisites

- Basic knowledge of business processes in **manufacturing and production planning**.
- Familiarity with **SAP S/4HANA navigation**.
- Prior experience with logistics or supply chain concepts is recommended.

5. Course Content

Module 1: Introduction to Production Planning with PP/DS

Module 2: Master Data in PP/DS (Materials, BOM, Work Centers)

Module 3: Demand Management and Forecasting

Module 4: Material Requirements Planning (MRP)

Module 5: Detailed Scheduling and Capacity Planning

Module 6: Production Orders and Order Execution

Module 7: Integration with Procurement and Sales Processes

Module 8: Reporting and Analytics in PP/DS