

# **SAP S/4 HANA PP**

**Batches: Weekdays/ Weekend**

## **SAP ERP & SAP S/4 Hana Basics**

- SAP Generation Shift
- Product Journey to S/4 Hana
- SAP Different Modules
- SAP S/4 Hana
- Release and Nomenclature
- SAP S/4 Hana Database Basics

## **SAP PP Process Flow, Project Methodology**

- Logistic End to End Process Flow
- Projects with SAP S/4 HANA
- Project Users and Roles
- Project Methodology (ASAP vs ACTIVATE)

## **User Interface**

- GUI- Graphical User Interface
- Fiori Apps
- NWBC

## **Enterprise Structure, Company Code and Plant Setup**

- Enterprise Structure
- Company-Controlling Area Setup Plant Setup
- FICO/MM/PP Baseline Configuration

## **Product Costing**

- Basics of Product Costing
- Integration between PP, CO
- Product Cost estimate
- Cost mark up and release

## **PP End to End Process with GUI**

- Material Maste,
- BOM, Work Center, Routing, PV
- Product Cost Estimate
- PP End to End Process Flow

## **PP Master Data**

- Material Master Data
- BOM- Technical Types
- PP Master Data-Work Center
- PP Master Data-Routing
- PP Master Data-Production Version

## **Backflush and Auto GR**

- Production Order Backflush
- Production Scheduling Profile
- Production Order Auto Goods Receipt

### **Demand Management Classic MRP vs MRP Live**

- Demand Management
  - MRP- Material Requirement Planning
  - Classic MRP vs MRP Live

### **Planning Strategy**

- MTS vs MTO
- MTO Planning (20)
- MTS Net Req. Planning (10)
- Gross Req. Planning (11)
- Planning with Final Ass. (40)
- Planning with Final Ass. (59, 50)
- Planning with Final Ass (60)
- Production by Lot – 30
- Planning at Ass Level- 70
- Planning at Phantom Assembly-59
- Planning w/o Final Assembly- 50
- Planning with Planning Material-60
- How to Use two planning strategies for the same material

### **Repetitive Manufacturing (REM)**

- Repetitive Manufacturing (REM)
- Process Difference in REM and Discrete
- REM Configuration
- REM End to End Process
- REM vs Discrete Mfg

### **Batch Management**

- Batch Management Configuration
- Manual Batch Determination for Production Order
- Automatic Batch Determination for Production Order

### **Sales Operation and Planning**

- Standard SOP- Material
- Standard SOP- Product Group
- Flexible Planning Vs Standard SOP
- Flexible SOP
- Kanban End to End Cycle

### **KANBAN**

- Classic Kanban
- Stock Transfer
- Externally Procurement

### **Capacity Planning**

- Capacity Planning

- Capacity Levelling

#### **SAP S/4 Hana Database Basics, Data footprint Reduction:**

- SAP S/4 Hana
- Release and Nomenclature
  - SAP S/4 Hana Database Basics
  - SAP S/4 Hana D/B- Temperature Layers
  - Main and Delta Table Storage
  - Why Data Footprint Reduction?
  - Data Footprint Reduction
  - Column and Row Data structure

#### **User Interface, Fiori Application Activation, debugging, Fiori Designer**

- User Interface
- Basics of Fiori
- Business Groups and Catalogue
- Standard SAP Approach
- Fiori Library
- App Activation, Troubleshooting

#### **Fiori End to End Life Cycle**

- Fiori End to End Life Cycle
- How to Create Catalogue, Business Group, Role and assign to User
- Fiori Architecture

#### **PP Master Data S/4 Hana Simplifications**

- Material Master Data Simplification
- BOM Simplification
- PP Master Data-Work Center
- PP Master Data-Routing
- Production Version Simplification

#### **PP End to End Process Flow With FIORI**

- PP End to EPP End to End Process Flow with Fiori Applications
- Shop floor Management with S/4 Hana
- Fiori Analytical applications for Production
- Embedded Analytics for Production Planning

#### **By-product and Co-product**

- By-product and Co-product Basics
- By-product Scenario
- Co-product Scenario
- Co Product apportionment

#### **MRP Live**

- Basics of MRP
- MRP LIVE
- Classic MRP vs MRP Live

### **MRP Area**

- MRP Area Basics
- MRP Area S/4 HANA Simplifications
- Plant MRP Area, Storage Location MRP Area, Subcon
- MRP Area Scenario

### **DDMRP**

- DDMRP (Demand Driven MRP)
- Basic of DDMRP
- DDMRP Prerequisites
- DDMRP Calculations, Formulas
- Details of Bull whip effect and DLT
- DDMRP Configuration
- DDMRP End to End Cycle

### **LTP and pMRP (Predictive MRP)**

- Long Term Planning (LTP)
- Predictive Material and Resource Planning (pMRP)
- pMRP Fiori Applications

### **Variant Configuration**

- Basic of Variant Configuration
- Master Data in Variant configuration
- Variant configuration in Make to Order
- Variant Configuration in Make to Stock

### **PPDS Overview**

- Basics of PPDS
- Scenarios covered by PPDS
- PPDS Architecture embedded with S/4 Hana

### **PP-PI Overview**

- Basics of PPPI
- Master Data for PP-PI
- Basic Configurations for SAP PP-PI

### **QM Overview**

- Basics of QM
- SAP QM, PP Integration
- Integrated Process flow with PP & QM