

SAP VARIANT CONFIGURATION COURSE CONTENT

❖ **SAP VARIANT CONFIGURATION OVERVIEW:**

- Purpose
- Features
- Integration
- Business Process Integration
- Quotation
- Sales Order
- Planning Strategies
- Requirements Classes
- Schedule Line Categories
- Item Categories
- Pricing and Costing
- Configure-to-Order
- Production Order
- Terms
- Variant Configuration Demonstration and Exercise
 - Display Material Master – Configurable Material
 - Display Bill of Material
 - Display Routing
 - Display Configuration Profile
 - Display Interface Design
 - Create Quotation for Configurable Item
 - Copy Quotation to Create Sales Order for Configurable Item
 - Display Variant Pricing Conditions
- Course Objectives
- Course Concepts

❖ **VARIANT CONFIGURATION CLASSIFICATION:**

- Classes
- Display and Discuss a Sample Class
- Demonstration: Create a Class
- Exercise: Create a Class
- Characteristics
- Display and Discuss a Sample Characteristic
- Demonstration: Create a Characteristic
- Exercise: Create a Characteristic
- Assignment of Characteristics to Classes
- Demonstration: Assign Characteristics to Class
- Exercise: Assign Characteristics to Class
- Summary:

❖ **VARIANT CONFIGURATION MASTER DATA:**

- Material Master
- Demonstration: Display Material Master – Configurable Material
- Demonstration: Create a Configurable Material Master
- Exercise: Create a Configurable Material Master
- Super Bill of Material

- Demonstration: Display Super Bill of Material
- Demonstration: Create a Super Bill of Material
- Exercise: Create a Super Bill of Material
- Super Routing
- Demonstration: Display Super Routing
- Demonstration: Create a Super Routing
- Exercise: Create a Super Routing

❖ **VARIANT CONFIGURATION – CONFIGURATION PROFILES AND INTERFACE DESIGN:**

- Features
- Configuration Scenarios
- Demonstration: Display Configuration Profile
- Organizational Area
- Configuration Parameters
- Demonstration: Display Interface Design
- Interface Design: Configuration Structure, Allowed Screens, Start Screen
- Demonstration: Create Configuration Profile
- Exercise: Create Configuration Profile
- Review Questions

❖ **VARIANT CONFIGURATION – OBJECT DEPENDENCIES:**

- Use of Dependencies
- Dependency Types
- Preconditions
- Selection Conditions
- Procedures
- Constraints
- Processing Sequence of Dependencies
- Demonstration: Create Dependencies
- Demonstration: Precondition
- Demonstration: Selection Condition
- Demonstration: Procedure
- Demonstration: Configuration Simulation
- Exercise: Create Dependencies
- Review Questions
- Answers to Review Questions

❖ **VARIANT CONFIGURATION –DEPENDENCY SYNTAX:**

- General Rules
- Operators, Arithmetical Expressions, and Functions
- Include/Intervals using Built in Condition IN
- Include
- Intervals
- Built in Condition SPECIFIED
- Built in Condition TYPE_OF
- Review Questions
- Answers to Review Questions

❖ **VARIANT CONFIGURATION – VARIANT TABLES:**

- Overview of Variant Tables

- Tables in Actions and Procedures
- Tables in Constraints
- Tables in Preconditions
- Tables in Selection Conditions
- Demonstration: Display Variant Table Structure and Values
 - Display a Variant Table
 - Display the contents of a Variant Table
 - Display the where-used function of a Variant Table
 - Display a dependency using a Variant Table
 - Demonstrate Variant Table in use
- VALUE ASSIGNMENT ALTERNATIVES
- Demonstration: Using Variant Tables
 - Create a Variant Table
 - Maintain the contents of a Variant Table
 - Create a dependency using a Variant Table
 - Assign the dependency to a Configuration Profile
 - Demonstrate Variant Table in use
 - Exercise: Using Variant Tables

❖ **VARIANT CONFIGURATION – USER DEFINED FUNCTIONS AND TRACE:**

- Functions
- Use of User Defined Functions
- Demonstration: Display User Defined Function
- Trace Function
- Demonstration: Trace Function
- Exercise: Trace Function

❖ **VARIANT CONFIGURATION – OBJECT DEPENDENCIES IN BOMS AND TASK:**

- Lists
- Selection Condition for BOM
- Demonstration: Selection Condition for BOM Component
- Exercise: Selection Condition for BOM Component
- Selection Condition for Task List
- Demonstration: Selection Condition for Task List
- Exercise: Selection Condition for Task List
- Class Nodes in BOM
- Demonstration: Class Nodes in BOM
- Exercise: Class Nodes in BOM

❖ **VARIANT CONFIGURATION – DEPENDENCIES FOR VALUE ASSIGNMENT:**

- Procedure for a Characteristic Value
- Demonstration: Procedure for Setting Characteristic Value
- Exercise: Procedure for Setting Characteristic Value
- Procedure for Setting a Default
- Demonstration: Procedure for Setting a Default
- Exercise: Procedure for Setting a Default

❖ **AUDIENCE :**

- Project members and other employees responsible for setting up, maintaining, and processing configurable products.

- SAP Variant Configuration Training Prerequisites.

❖ **ESSENTIAL:**

- PLM130 Classification

❖ **RECOMMENDED:**

- SAPPLM Überblick über die Lösung mySAP PLM
- SAPSCM Overview of the mySAP Supply Chain Management Solution
- PLM100 Life-Cycle Data Management
- SCM600 Processes in Sales and Distribution
- Course Based on Software Release :

❖ **R/3 4.70:**

❖ **WHO SHOULD TAKE SAP VARIANT CONFIGURATION TRAINING?**

- Consultant,
- SAP Project manager,
- Strategic Purchaser,
- Operational purchaser,
- Buyer,
- Purchasing Assistant Employee,
- Goods Recipient,
- Purchasing Davison Manager,
- Procurement manager,
- End user,
- Super User,
- Director Purchasing,
- VP Purchasing, etc



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