

SAP Course Content

1. Introduction to SAP

- Overview of ERP (Enterprise Resource Planning)
- History and evolution of SAP
- SAP architecture (3-tier architecture: Presentation, Application, and Database)
- Key SAP modules and components (e.g., SAP FICO, SAP MM, SAP SD, etc.)
- Benefits of SAP ERP for businesses

2. SAP Navigation and User Interface

- Logging into SAP system
- SAP GUI (Graphical User Interface) overview
- Navigating the SAP environment
- Working with SAP transaction codes (T-codes)
- Personalizing SAP screens and layouts
- Understanding SAP Easy Access and SAP Menu

3. Introduction to SAP Modules

- Overview of key functional modules:
 - SAP FICO (Finance and Controlling)
 - SAP MM (Material Management)
 - SAP SD (Sales and Distribution)
 - SAP HCM (Human Capital Management)
 - SAP PP (Production Planning)
 - SAP PM (Plant Maintenance)
- Introduction to SAP Technical modules:
 - SAP ABAP (Advanced Business Application Programming)
 - SAP Basis (Administration)
 - SAP HANA (High-Performance Analytic Appliance)

4. SAP FICO (Finance and Controlling) Module

- Overview of SAP Financial Accounting (FI)
- General Ledger Accounting
- Accounts Payable (AP) and Accounts Receivable (AR)
- Asset Accounting (AA)
- Bank Accounting

- Controlling (CO): Cost Centers, Profit Centers, Internal Orders, and Profitability Analysis

5. SAP MM (Materials Management) Module

- Overview of SAP MM processes
- Material Master Data management
- Procurement process (Purchase Requisition, Purchase Orders)
- Inventory Management
- Invoice Verification
- Valuation and Pricing in SAP MM

6. SAP SD (Sales and Distribution) Module

- Overview of SAP SD processes
- Customer Master Data management
- Sales Order processing
- Delivery and Shipping process
- Pricing and Billing in SAP SD
- Sales reporting and analytics

7. SAP HCM (Human Capital Management) Module

- Overview of SAP HCM functionality
- Organizational Management (OM) in SAP HCM
- Personnel Administration (PA)
- Time Management and Payroll
- Recruitment and Training
- Employee Self-Service (ESS) and Manager Self-Service (MSS)

8. SAP ABAP (Technical Module)

- Introduction to SAP ABAP programming language
- Understanding the ABAP workbench
- Data Dictionary (Tables, Views, Data Elements)
- ABAP Reports and ALV (ABAP List Viewer)
- Dialog programming
- Debugging and performance optimization in ABAP

9. SAP Basis (Technical Module)

- Overview of SAP Basis administration
- SAP system architecture and landscape

- SAP user management and authorizations
- System monitoring and performance tuning
- SAP system installation and configuration
- SAP upgrades, patches, and support packages

10. SAP HANA (Technical and Analytical Module)

- Introduction to SAP HANA (High-Performance Analytic Appliance)
- Understanding in-memory computing
- SAP HANA architecture and data modeling
- Data provisioning techniques in HANA
- Creating HANA views and reporting
- Integrating SAP HANA with other SAP modules

11. SAP Business Intelligence (BI) and Business Warehouse (BW)

- Introduction to SAP BI/BW
- Data extraction, transformation, and loading (ETL) in SAP BW
- Building data models and InfoCubes
- SAP BI reporting tools (BusinessObjects, BEx Analyzer)
- Data analytics and dashboards

12. SAP Security and Authorization

- Overview of SAP Security concepts
- User creation and role assignment
- Authorization objects and profiles
- Role-based access control (RBAC) in SAP
- Audit logs and security monitoring in SAP

13. SAP Implementation and Project Management

- SAP implementation lifecycle (ASAP methodology)
- Phases of SAP implementation (Project Preparation, Blueprinting, Realization, Final Preparation, Go-live)
- SAP best practices and templates
- Data migration in SAP
- Change management and training during SAP implementation

14. SAP Integration with Other Systems

- Overview of SAP integration methods

- SAP PI/PO (Process Integration / Process Orchestration)
- Integration using IDocs, BAPIs, RFCs, and OData
- Integration with third-party systems (e.g., CRM, E-commerce platforms)
- SAP Cloud Platform for integration

15. SAP Analytics and Reporting

- Overview of SAP reporting tools
- Standard and customized reports in SAP
- Using SAP BusinessObjects for advanced reporting
- SAP Fiori for real-time analytics and dashboards
- Generating financial reports in SAP FICO
- SAP S/4HANA Embedded Analytics

16. SAP Certification Preparation

- Overview of SAP certification paths (functional and technical)
- Study resources and exam preparation tips
- SAP Global Certification process
- Practice questions and mock tests