

SAP S/4HANA Course

Course Duration: 24 Hours

Course code: SAP S4

1. Course Overview

Introduction to SAP S/4HANA, its architecture, and its role in digital enterprise transformation. Learn how to manage business processes using next-generation ERP systems powered by SAP HANA.

2. What you'll learn?

By the end of the course, you will be able to:

- Understand SAP S/4HANA architecture and key components
- Navigate SAP Fiori interface and applications
- Configure and manage core business processes
- Work with financial, logistics, and procurement modules
- Understand data migration and system conversion concepts
- Implement real-time analytics and reporting
- Customize and extend SAP S/4HANA functionalities

3. Target Audience

This course is ideal for:

- SAP Consultants and Functional Analysts
- ERP Professionals
- System Administrators
- Finance and Supply Chain Professionals
- IT Professionals looking to transition into SAP

4. Pre-Requisites

Before taking this course, you should have:

- Basic understanding of ERP concepts

- Knowledge of business processes (Finance, Sales, Procurement)
- Familiarity with SAP GUI (optional but helpful)

5. Course content

Module 1: Course Introduction

- Course overview and objectives
- SAP ecosystem introduction
- SAP S/4HANA positioning in the market

Module 2: Introduction to SAP S/4HANA

- Evolution from SAP ECC to S/4HANA
- Key features and benefits
- SAP HANA in-memory database overview
- Deployment options (Cloud, On-Premise, Hybrid)

Module 3: SAP Fiori User Experience

- Introduction to SAP Fiori
- Fiori architecture and components
- Navigation and personalization
- Working with Fiori Launchpad

Module 4: SAP S/4HANA System Architecture

- System landscape and components
- Application and database layers
- Integration with other SAP modules
- Business Suite vs S/4HANA

Module 5: Financial Accounting (FI) Overview

- General Ledger Accounting
- Accounts Payable and Receivable

- Asset Accounting
- Financial closing process

Module 6: Management Accounting (CO)

- Cost elements and cost centers
- Internal orders
- Profitability analysis
- Product costing

Module 7: Materials Management (MM)

- Procurement process
- Purchase requisition and purchase orders
- Inventory management
- Vendor management

Module 8: Sales and Distribution (SD)

- Order-to-cash process
- Sales order management
- Pricing and billing
- Customer management

Module 9: Production Planning (PP)

- Production process overview
- Bill of Materials (BOM)
- Work centers and routing
- Production orders

Module 10: Data Migration and System Conversion

- Migration tools and techniques
- Data cleansing and validation

- SAP Migration Cockpit
- Conversion strategies

Module 11: Embedded Analytics and Reporting

- Real-time analytics in S/4HANA
- CDS Views and KPIs
- SAP Fiori analytical apps
- Reporting tools overview

Module 12: Extensibility in SAP S/4HANA

- In-app and side-by-side extensibility
- Custom fields and logic
- SAP Business Technology Platform (BTP) overview

Module 13: Integration with Other Systems

- Integration with SAP modules
- APIs and web services
- Third-party integrations

Module 14: Security and Authorization

- User roles and authorizations
- Data security concepts
- Compliance and audit

Module 15: SAP S/4HANA Best Practices & Use Cases

- Industry use cases
- Business process optimization
- Real-world implementation scenarios

Module 16: Final Project & Case Study

- End-to-end business scenario implementation
- Hands-on project
- Performance evaluation