

HANA 2.0/ S4HANA 1709

SAP HANA/S4HANA

- Market Trends
- Leadership Trends
- Technology Trends
- Deployment Modes
- Transformative Technologies
- Key Areas of Innovation
- Keeping Data in Memory
- Columnar Data Organization
- Data Encoding and Compression
- Parallel Execution
- Delta Store and Merge
- In-Memory Technology Removes Redundancy
- Simplifying the Core Data Model
- Immediate Benefits of the New Data Model
- New SAP HANA-Based Architecture
- Virtual Data Model
- Attribute Views, Analytic Views and Calculation Views
- Currency Conversion
- Hierarchies, variables, input parameters
- Transports
- Creating users and roles, applying Analytic Privileges
- Provisioning Data Using SAP Data Services workbench
- Data Provisioning via Real-Time Replication
- SAP Business Objects Design Studio, SAP Lumira

S4 HANA

- S4HANA Architecture
- Business functions in SAP S/4HANA
- Landscape Transformation with SAP S/4HANA
- System conversion to SAP S/4HANA
- Key Functionalities
- Finance
- Manufacturing
- Supply chain management
- Sales, marketing, and commerce
- Sourcing and procurement
- Research and development
- Industry solutions
- SAP S/4HANA Cloud
- Deployment
- SAP Activate
- Reporting and analytics
- Case studies

S4 Logistics

SAP S/4HANA Enterprise Management

- Streamlined Procure-to-Pay
- Accelerated Plan-to-Product
- Optimized Order-to-Cash
- Enhanced Request-to-Service

Inventory Management

- SAP S/4HANA Changes
- Warehouse Processing
- Physical Inventory Management

Manufacturing

- Material Requirements Planning
- Production Execution

SAP Extended Warehouse Management

- Delivery Processing in Extended Warehouse Management

Sourcing and Procurement

- Materials Requirements Planning
- Operational Purchasing
- Collaborative Sourcing and Contract Management
- Supplier Management, Invoicing and Payables Management
- SAP Ariba

Sales Order Management

- Sales Contract Management
- Sales Order Management and Processing
- Billing and Invoicing, Output Management
- Claims, Returns, and Refund Management
- SAP Hybris
- SAP Transportation Management

Quality Management

- Quality Notification, Planning and Inspection
- Material Master Quality Management View

S4 Financials

Overview of Financials for SAP S/4HANA

- Analysis of the new Architecture of Accounting
- Short overview of the process of Financials Migration to SAP S/4HANA
- Analysis of the SAP Central Finance deployment option
- Configuration and use new functionalities in General Ledger Accounting
- Configuration and use new functionalities in Asset Accounting

Universal Journal

- New SAP HANA-Based Architecture
- Immediate Benefits of the New Model
- Building on Top of the Universal Journal

Conversion of Accounting to SAP S/4HANA

- Subsequent implementation of document split or a further accounting principle
- Preparation and activities to be performed in a system prior to conversion
- Configuration of General Ledger Accounting for migration

SAP S/4HANA Finance Applications

- Financials Operations
- Ariba Network Integration
- Cash Management
- SAP Business Planning and Consolidation for Finance
- Profitability
- Financial Closing and Consolidation
- Revenue Accounting
- Real-Time Governance and Compliance

Management Accounting in SAP S/4HANA

- Understand changes of data model, posting logic and master data in Management Accounting
- Understand changes of the Management Accounting aspects of integrated Business Processes

Adoption Scenarios

- Greenfield vs. Brownfield Approach
- SAP S/4HANA Finance in SAP Business Suite on SAP HANA
- Central Finance and Central Reporting
- Central Finance in the Cloud

S4/HANA Admin/Operations

- System Architecture
- Backup & Recovery
- Troubleshooting of SAP HANA
- SAP HANA Installation, Migration & Upgrade
- High Availability & Disaster Tolerance
- SAP HANA database lifecycle manager
- SAP HANA cockpit 2.0 installation, multitenant database
- SAP HANA Administration tools
- Backup and recovery using SAP HANA cockpit 2.0
- Starting the DMO run, DMO Procedure Steps and Tuning the DMO Downtime
- Security considerations for Multitenant Database Containers
- SAP GRC Integration for Governance Risk and Compliance
- SAP HANA use case scenarios and security requirements
- SAP HANA Enterprise Cloud security
- Privileges within SAP HANA
- Certificate Management and Encryption
- Managing Dynamic Analytic Privileges
- S4HANA Security Users management , Authorizations

BW4 HANA

- SAP BW/4HANA Modelling Tools in Eclipse
- Creating a Query with Eclipse-Based Query Designer
- SAP BW/4HANA in the Cloud
- SAP BW/4HANA Cloud Deployment Steps
- Recommendation for Implementing SAP BW/4HANA
- ABAP Managed Database Procedures
- SAP S/4HANA embedded Analytics
- Modelling Mixed Scenarios
- Creating a Data Source with the Native Eclipse-Based Wizard
- Migration to SAP BW/4HANA
- New BI Content for SAP BW/4HANA
- Open ODS Views , Advanced Data Store Objects
- Composite Provider , Field-Based Modelling and ODP Data Sources
- SAP BW/4HANA Data Sources, Data Flows
- Operational Data Provisioning
- SAP HANA Smart Data Access and Big Data
- Monitor SAP BW/4HANA Computing Center Management
- Optimization Areas in SAP BW/4HANA

- Integration with SAP BW/4HANA and The Future of SAP BW/4HANA

SAP HANA Cloud Platform

- Installation and configuration
- Native SAP HANA applications
- Persistence, Connectivity, and Document Services
- Cloud security
- SAP HANA Cloud Portal
- SAP HCP Mobile Services
- SAP HANA Cloud Integration
- Success Factors extensions

S4-ABAP

- How SAP HANA affects Application Development
- Introducing the development environment
- ABAP Core Data services and annotations
- Integrating Native Procedures with ABAP
- Optimizing a report with CDS view and ALV IDA
- Debugging ABAP-Managed Database Procedures
- Calling SAP HANA Procedures in ABAP
- Enhancements to the ABAP Programming Language
- SAP Net weaver Application server ABAP Architecture

- SQL Script
- Consuming SAPHANA Objects, Views using Native SQL in ABAP
- Advanced Techniques for ABAP Programming for SAPHANA
- ABAP Code Analysis
- Runtime and error Analysis with SAP HANA
- Transport of native Development Objects
- Application Cases and Deployment Options

Business Cases for SAP HANA

- Planning
- Travel cost reduction
- Customer behaviour management
- Flexible and uniform data models
- Automatic business processes
- Fraud and theft detection
- Health care service improvement
- Architectural and implementation guideline

SAP Activate: Your Road to SAP S/4HANA

- SAP Best Practices
- Methodology
- Guided Configuration cover the SAP S/4HANA Cloud Solution
- Sign Up for SAP S/4HANA Trial
- Access Your SAP S/4HANA Cloud Environment
- Prepare Your Project
- Phase Overview

- Setting up the Project
- Starter System Provisioning and User Setup
- Team Self-Enablement
- Explore the Solution

Deliverables

- The course duration will be 2 & half months.
- The weekend class will be 2 hours on Saturday & Sunday
- The weekdays class will be 1 hours from Monday to Friday
- We will be providing you Server access 1709&1710 version for 8 months of validity.
- You will be availing a drop-box option in which the material soft-copy, sample resumes everything will be inbuilt.
- Every live session will be recorded and updated to your Drop box so that if you are unable to attend a class due to your busy schedule you can access into your later from the Drop box.
- We will be providing 90% assurance for the certification process
- You will be getting technical support for 12 months to clarify your doubts from the date of joining.
- You will also get Interview preparation Q&A in a total of 240 Q&A during the course.
- On job support or 3 months