

SAP Business Data Cloud (BDC) Training

COURSE CONTENT

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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

SAP Business Data Cloud (BDC) Training by Multisoft Systems is designed to equip professionals with the skills to manage, integrate, and analyze enterprise data across diverse SAP and non-SAP environments. As organizations increasingly rely on data-driven decision-making, SAP BDC emerges as a powerful cloud-based solution that enables seamless data connectivity, governance, and real-time analytics.

Module 1: Introduction to SAP Business Data Cloud (BDC)

- ✓ Overview and Fundamentals
- ✓ Architecture of BDC
- ✓ Sizing and Licensing Cost of SAP BDC
- ✓ BDC Components and Foundation Services
- ✓ Intelligent Applications

Module 2: Data Sources & Connectivity

- ✓ SAP Source Systems (S/4HANA, BW/4HANA, ECC, etc.)
- ✓ Non-SAP Source Systems (Databases, APIs, Cloud sources)
- ✓ Custom Data Product generation from SAP & Non-SAP systems
- ✓ Connectivity Options (Cloud Connectors, JDBC, APIs, DPAgent)

Module 3: Data Modeling in BDC & Datasphere

- ✓ Relational Models, Views, Associations, Entities, Remote Tables
- ✓ Virtual Data Models (VDMs)
- ✓ Change Data Capture (CDC)
- ✓ Business Layer and Semantic Enrichment
- ✓ End-to-End Data Modeling: Tables, Views, Analytical Models

Module 4: Data Flows & Integration

- ✓ Replication Flows and Data Flows
- ✓ Transformations and Orchestration
- ✓ Real-time, Scheduled, and Delta Flows
- ✓ Integration Scenarios: Third-Party Data, Event Mesh, APIs

Module 5: SAP BW PCE & BDC/Datasphere Integration

- ✓ Extending SAP BW into SAP BDC Capabilities
- ✓ Data Product Generator, Data Storage in Object Store

- ✓ Exposing BW data as Data Products
- ✓ Consumption of SAP BW data as Data Products
- ✓ Hybrid Scenarios: BW + Datasphere + BDC

Module 6: Integration with Databricks

- ✓ Sharing BDC Data Products with SAP Databricks
- ✓ JDBC-based Replication Flows with SAP Data
- ✓ Delta Table Sharing (Zero Copy)
- ✓ Delta Sharing between BDC and Datasphere
- ✓ Unity Catalog for SAP/Non-SAP Data in Databricks
- ✓ ML Flow Integration for SAP data pipelines
- ✓ Pipeline Creation (Bronze, Silver, Gold Delta Tables)
- ✓ ML Modeling using Mosaic AI
- ✓ Databricks SQL for BI/SAC Dashboards

Module 7: SAP Analytics Cloud (SAC)

- ✓ Enterprise Planning and Extended Planning & Analysis (xP&A)
- ✓ Augmented & Predictive Analytics (Smart Predict, Predictive Planning)
- ✓ Analytical Applications and Custom Widgets
- ✓ Joule Integration & "Just Ask" Feature in SAC
- ✓ SAC Live vs Import Connections with Datasphere
- ✓ SAC Embedded in SAP Applications (S/4HANA, SuccessFactors)
- ✓ Best Practices in SAC

Module 8: Administration & Operations

- ✓ Space Management
- ✓ Tenant Management
- ✓ Connections & System Integrations
- ✓ Administration via Command Line (CLI)
- ✓ Monitoring, Logging & Cost Optimization

- ✓ Transport & Lifecycle Management

Module 9: Security & Governance

- ✓ Data Catalogs & Metadata Management
- ✓ Data Lineage and Business Glossary
- ✓ Encryption (data at rest & in transit)
- ✓ Access Control, Roles & Authorizations
- ✓ Data Privacy & Compliance (GDPR, CCPA, Industry-specific)
- ✓ Transport Handling & Governance across environments

Module 10: Enterprise Use Cases & Best Practices

- ✓ End-to-End Enterprise Use Cases (Retail, Manufacturing, BFSI, Pharma)
- ✓ Custom Scenario: Third-Party Data Integration into BDC
- ✓ Data Marketplace & Monetization Strategies
- ✓ Data Mesh Architecture with BDC, Datasphere, Databricks
- ✓ Data Ops/DevOps for SAP Data Landscape (CI/CD for Data Artifacts)
- ✓ Monitoring & Observability (Grafana, Kibana, BTP Cockpit)
- ✓ Joule & AI-Assisted Use Cases across Datasphere & SAC
- ✓ Future Roadmap: SAP BDC + Databricks + AI/ML