

Duration: 35+ Hours  
Type: Online Training  
Server Access: On Demand

# Datasphere / Data Warehouse Cloud Training (DWC)

Server Access will be provided on demand to students.

- ✓ Free Demo Classes.
- ✓ Real Time Experienced Trainers.
- ✓ Affordable online Classes
- ✓ Complete Hands-on Real Time Training.
- ✓ Integrations with SAC and HANA Cloud Covered



## Target Audience

- ✓ Business Users
- ✓ Data Analysts
- ✓ Application Developers
- ✓ SAP BW, BW/4HANA Consultants
- ✓ Anyone who is interested in learning Datasphere

## Course Phases

- Introduction to Datasphere
- Building Data layer using Data Builder
- Building Business Semantic Models
- Consuming Models and Replication flows
- Integration with SAC and tools
- Data Security and Administration

## Pre-requisites: -

There are no such prerequisites for this course.

## Overview: -

SAP Datasphere enables a business data fabric architecture that uniquely harmonizes mission-critical data across the organization, unleashing business experts to make the most impactful decisions. It combines previously discrete capabilities into a unified service for data integration, cataloging, semantic modeling, data warehousing, and virtualizing workloads across SAP and non-SAP data.

## Course Content:

### UNIT-1: Overview and Positioning

- Cloud v/s on premise system
- SAP Datasphere introduction
- History of Datasphere
- How it is different from SAP BW Solution
- Benefits and core functionalities of Datasphere
- Datasphere strategy going forward.
- Architecture of Datasphere
- Introduction to SAP Analytics Cloud
- Setting up your Datasphere, SAC, and HANA Cloud systems
- Configuring Spaces in Datasphere

### UNIT-2: Data Builder – Data Modeling

- Understanding concept of Dimensions and Measures
- Build your first data using Flat files.
- Why we need Views in data warehouse.
- Create Analytical Model
- Consuming Analytical Model in SAC
- Working with Time Dimensions
- Adding Associations with Time Dimensions
- Understanding Hierarchies
- Create Dashboard with Time Dimensions
- Virtual Tables in Datasphere
- Replace Table with Virtual Tables

**UNIT-3: Data Builder – Data Replications**

**UNIT-4 Data Builder – Sharing and Access Control**

**UNIT-5: Advance Data Modeling – Building Analytical Models**

**UNIT-6: Advance Data Modeling – Business Builder, Repository, Catalogs**

**UNIT-7: Command Line Interface (CLI)**

**UNIT-8: Administration**

- Administration and user management
- Transport and business content
- Further data integration options and open SQL schema
- Analytics and Planning integration

**UNIT-9: SAP BW Integrations**

- SAP BW hybrid integration
- SAP BW bridge

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