

BW462

SAP BW/4HANA

COURSE OUTLINE

Course Version: 16

Course Duration: 5 Day(s)

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Typographic Conventions

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's presentation	
Demonstration	
Procedure	
Warning or Caution	
Hint	
Related or Additional Information	
Facilitated Discussion	
User interface control	<i>Example text</i>
Window title	<i>Example text</i>

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Application Consultant
- Systems Architect
- Program/Project Manager
- Solution Architect

Lesson 1: Getting Started with our Training Environment

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the software components and the data used in this SAP training.

Lesson 2: Getting Started with SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the SAP HANA basics

Lesson 3: Getting Started with SAP BW/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Give an overview of SAP BW, the value added by SAP HANA, and the evolution to SAP BW/4HANA

Lesson 4: Getting Started with SAP BW/4HANA Modeling Tools

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce the Eclipse-based UI for modeling in SAP BW/4HANA

Lesson 5: Getting Started with SAP BW/4HANA Cockpit

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce the new SAP BW/4HANA cockpit

Lesson 1: Describing Conversion Strategies and Tools

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the options for conversion SAP BW/4HANA, and related tools

Lesson 2: Introducing the In-Place Conversion Approach

Lesson Objectives

After completing this lesson, you will be able to:

- Provide a quick Overview about the In-Place Conversion

Lesson 3: Introducing the Remote Conversion and Shell Conversion Approaches

Lesson Objectives

After completing this lesson, you will be able to:

- Provide a quick Overview of the Remote Conversion and Shell Conversion

Lesson 1: Introducing SAP HANA Native Modeling

Lesson Objectives

After completing this lesson, you will be able to:

- Describe SAP HANA Calculation Views and understand how best to use them

Lesson 1: Describing InfoObject Enhancements

Lesson Objectives

After completing this lesson, you will be able to:

- Provide an overview of new InfoObject features

Lesson 2: Explaining Advanced DataStore Objects

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce modeling options for Advanced DataStore Objects

Lesson 3: Explaining CompositeProviders

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the purpose of the CompositeProvider
- See the advantages of a CompositeProvider compared to the existing virtual InfoProviders

Lesson 4: Introducing the BAdI Provider

Lesson Objectives

After completing this lesson, you will be able to:

- Provide a quick overview of the BAdI Provider

Lesson 5: Explaining SAP HANA-Optimized Transformations

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how Transformation can be SAP HANA-optimized

Lesson 6: Introducing Process Chains

Lesson Objectives

After completing this lesson, you will be able to:

- Introducing process chains

Lesson 7: Describing the SAP BW/4HANA Analytic Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Analytic Manager and different Query Processing Modes

Lesson 8: Introducing HANA Analysis Processes

Lesson Objectives

After completing this lesson, you will be able to:

- Design SAP HANA-optimized analysis processes in SAP BW

Lesson 9: Explaining Authorizations

Lesson Objectives

After completing this lesson, you will be able to:

- Overview of the authorization concepts in SAP BW/4HANA

Lesson 10: Introducing SAP BW/4HANA Statistical Analysis

Lesson Objectives

After completing this lesson, you will be able to:

- Overview of the new Solution replacing OTCT-Content

Lesson 11: Explaining the SAP BW/4HANA Tool Collection

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the value of the SAP BW/4HANA Tool Collection

Lesson 1: Explaining the Layered Scalable Architecture (LSA)

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the concepts of Layered Scalable Architecture (LSA)

Lesson 2: Explaining the Move from LSA to LSA++: Streamlining Core Layers

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how to **optimize the design of the LSA core layers** and start moving your architecture to LSA++.

Lesson 3: LSA++: Introducing the Open Operational Data Store Layer

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce field-based modeling and the new BW data model for virtual data integration: Open ODS View
- Use Open ODS function modeling on remote data: SAP HANA Smart Data Access

Lesson 4: LSA++: Introducing the SAP BW/4HANA Workspace Layer

Lesson Objectives

After completing this lesson, you will be able to:

- Get started with SAP BW/4HANA Workspaces

Lesson 1: Generating External SAP HANA Views for SAP BW/4HANA Objects

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how to generate SAP HANA Views for SAP BW/4HANA objects

Lesson 2: Describing Mixed Scenarios

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Purpose of Mixed Scenarios

Lesson 3: Explaining BW/4HANA Content Add-On

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the key concepts of the SAP BW/4HANA Content Add-On

Lesson 4: Introducing a Use Case with SAP Predictive Analytics (optional)

Lesson Objectives

After completing this lesson, you will be able to:

- Provide an additional Use Case for external SAP HANA-Views

Lesson 1: Describing Multi-Temperature Data Management

Lesson Objectives

After completing this lesson, you will be able to:

- Explain Multi-Temperature Data Management in SAP BW/4HANA

Lesson 2: Introducing SAP BW/4HANA Data Tiering Optimization (DTO)

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the SAP BW/4HANA concept of Data Tiering Optimization

Lesson 3: Describing additional Data Tiering Concepts

Lesson Objectives

After completing this lesson, you will be able to:

- Describe additional Concepts of Data Tiering

Lesson 1: Explaining Data Provisioning into SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how to provision Data into the SAP HANA

Lesson 2: Explaining SLT Replication into SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Positioning of SAP Landscape Transformation ReplicationServer

Lesson 3: Describing SAP HANA Remote Sources (SDA/SDI)

Lesson Objectives

After completing this lesson, you will be able to:

- Explain SAP HANA Smart Data Access and Smart Data Integration and how SAP BW/4HANA is able to leverage them.

Lesson 4: Explaining Operational Data Provisioning into SAP BW/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the different ODP Data Provisioning Types relevant for SAP BW/4HANA

Lesson 5: Introducing the Big Data Source System

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce the new Big Data source system

Lesson 1: Introducing SAP S/4HANA and Embedded Analytics

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce SAP S/4HANA and describe SAP S/4HANA embedded analytics

Lesson 2: Explaining the Impact of SAP S/4HANA on SAP BW

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Impact of SAP S/4HANA on SAP BW

Lesson 1: SAP BW/4HANA Useful New Transactions

Lesson Objectives

After completing this lesson, you will be able to:

- Summarize useful Transactions Codes in SAP BW/4HANA