

BW362

SAP BW Powered by SAP HANA

COURSE OUTLINE

Course Version: 12

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

Lesson Objectives

After completing this lesson, you will be able to:

- Give an overview of SAP BW and the value-added by SAP HANA

Lesson 4: Getting Started with SAP BW Modeling Tools in SAP HANA Studio

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce the new Eclipse-based UI for BW modeling

Lesson 5: Explaining SAP HANA Native Modeling

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the different model types in SAP HANA and understand how to leverage them.

Lesson 6: Understanding SAP HANA Live

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce SAP HANA Live

Lesson 7: Introducing SAP S/4HANA Embedded Analytics

Lesson Objectives

After completing this lesson, you will be able to:

- Describe SAP S/4HANA embedded Analytics

Lesson 1: Describing Migration Strategies and Tools

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the migration to SAP HANA and related tools

Lesson 2: Explaining the SAP BW Migration Cockpit

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the value of the SAP BW Migration Cockpit

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 on SAP HANA

Lesson 2: Optimizing SAP BW Data Management (Warm Data)

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the Concept of Non-Active Data as well as Dynamic Tiering

Lesson 3: Optimizing SAP BW Data Management (Cold Data)

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the role of Nearline-Storage for a SAP BW landscape

Lesson 1: Describing Optimization Areas

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the areas where SAP BW has been optimized based on SAP HANA code push down

Lesson 2: Understanding SAP HANA-Optimized Data Modeling: InfoCubes

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the impact of SAP HANA to BW InfoCubes

Lesson 3: Explaining SAP HANA-Optimized Data Modeling: Advanced DataStore-Objects

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the impact of SAP HANA on DataStore-Objects

Lesson 4: Explaining SAP HANA-Optimized Data Modeling: CompositeProviders

Lesson Objectives

After completing this lesson, you will be able to:

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

Lesson 5: Explaining SAP HANA-Optimized InfoObjects

Lesson Objectives

After completing this lesson, you will be able to:

- Use SAP HANA-Optimized InfoObject

Lesson 6: Explaining SAP HANA-Optimized Data Staging

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how process chains are streamlined and how SAP BW transformation rules can be SAP HANA-optimized.

Lesson 7: Describing the SAP HANA-Optimized Analytic Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the new SAP BW Analytic Manager and different Query Processing Modes

Lesson 8: Introducing HANA-Optimized Analysis Processes

Lesson Objectives

After completing this lesson, you will be able to:

- Design HANA-Optimized Analysis Processes in SAP BW

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 quick data integration: Open ODS View
- Cross the border - Open ODS function modeling on remote data (HANA Smart Data Access.)

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

Lesson Objectives

After completing this lesson, you will be able to:

- Get started with SAP BW Workspaces

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

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how to generate an SAP HANA View from a SAP BW InfoProviders

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 SAP HANA-Optimized SAP BI Content

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the key concepts of SAP HANA-optimized BI content

Lesson 4: Introducing a Use Case with SAP Predictive Analytics

Lesson Objectives

After completing this lesson, you will be able to:

- Provide an additional use case for external SAP HANA-Views based on SAP Predictive Analytics based on SAP BusinessObjects Predictive Analytics.

Lesson 1: Explaining Data Provisioning into SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how to deliver data into the SAP HANA database

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 Replication Server

Lesson 3: Describing SAP HANA Smart Data Integration

Lesson Objectives

After completing this lesson, you will be able to:

- Explain SAP HANA Smart Data Integration and how SAP BW is able to leverage it.

Lesson 4: Explaining Operational Data Provisioning into SAP BW

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the different ODP data provisioning types relevant for SAP BW

Lesson 5: Explaining DB Connect and Open Hub Destination

Lesson Objectives

After completing this lesson, you will be able to:

- Use Open Hub Destination and DB-Connect to load data
- Load data persistently from HANA DB -> BW application: DB-Connect source system in SAP BW.

Lesson 1: Introducing SAP BW/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Outline the latest SAP BW release

Lesson 2: Introducing the SAP HANA native Data Warehouse

Lesson Objectives

After completing this lesson, you will be able to:

- Describe SAP HANA native Data Warehousing

Lesson 3: Describing New Transactions and Authorizations

Lesson Objectives

After completing this lesson, you will be able to:

- Summarize new transactions codes and authorizations