

BW310H

Data Warehousing with SAP Business Warehouse powered by SAP HANA

COURSE OUTLINE

Course Version: 15

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
- Business Analyst
- Business Process Owner/Team Lead/Power User
- Program/Project Manager
- Technology Consultant
- User

Lesson 1: Describing the Evolution and the Data Layout of SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the evolution and the data layout of SAP HANA

Lesson 2: Describing the Concepts of Business Intelligence (BI) and Data Warehousing on Any Database

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the concepts of Business Intelligence (BI) and data warehousing

Lesson 3: Outlining the basics of SAP Business Warehouse powered by SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce SAP Business Warehouse powered by SAP HANA

Lesson 1: Describing Characteristic InfoObjects

Lesson Objectives

After completing this lesson, you will be able to:

- Explain InfoObject characteristics

Lesson 2: Creating a generic DataSource

Lesson Objectives

After completing this lesson, you will be able to:

- Create a generic DataSource

Lesson 3: Creating Transformation and Data Transfer Process (DTP) for attribute master data loading

Lesson Objectives

After completing this lesson, you will be able to:

- Create transformation and data transfer process (DTP) for attribute master data loading

Lesson 4: Outlining the Difference Between Classic and Graphical Data Flow Modeling

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the difference between classic and graphical data flow modeling

Lesson 5: Deleting and Activating Master Data

Lesson Objectives

After completing this lesson, you will be able to:

- Understand deletion and activation of master data

Lesson 1: Introducing SAP Business Warehouse (SAP BW) InfoProvider

Lesson Objectives

After completing this lesson, you will be able to:

- Describe SAP BW InfoProvider

Lesson 2: Creating a key figure InfoObject

Lesson Objectives

After completing this lesson, you will be able to:

- Create a key figure InfoObject

Lesson 3: Modeling DataStore Objects (Advanced)

Lesson Objectives

After completing this lesson, you will be able to:

- Model DataStore objects (advanced)

Lesson 4: Creating a Data Flow for Transaction Data

Lesson Objectives

After completing this lesson, you will be able to:

- Create a data flow for transaction data

Lesson 5: Creating a DataStore Object (Advanced) (classic DSO-like) and Loading Data from a Flatfile DataSource

Lesson Objectives

After completing this lesson, you will be able to:

- Create a DataStore object (advanced) (classic DSO-like) and load data from a flatfile DataSource
- Load Data from flatfile DataSource into the DataStore object (advanced)

- Activate and update data in a DataStore object (advanced)

Lesson 6: Modeling CompositeProviders

Lesson Objectives

After completing this lesson, you will be able to:

- Create a CompositeProvider

Lesson 1: Exploring the SAP HANA Studio

Lesson Objectives

After completing this lesson, you will be able to:

- Explore SAP HANA studio

Lesson 2: Outlining Data Provisioning in SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Describe data provisioning in SAP HANA

Lesson 3: Introducing SAP HANA native modeling

Lesson Objectives

After completing this lesson, you will be able to:

- Create SAP HANA calculation views with SAP HANA modeling

Lesson 4: Combining SAP Business Warehouse (SAP BW) InfoProvider with SAP HANA Views

Lesson Objectives

After completing this lesson, you will be able to:

- Combine SAP BW InfoProvider with SAP HANA views

Lesson 1: Creating Open ODS Views

Lesson Objectives

After completing this lesson, you will be able to:

- Create open ODS views

Lesson 2: Creating DataSources from Open ODS View

Lesson Objectives

After completing this lesson, you will be able to:

- Create DataSources from Open ODS View to persist data in SAP Business Warehouse (SAP BW)

Lesson 1: Explaining the details of data transformation and data transfer process (DTP) in SAP Business Warehouse (SAP BW)

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the possibilities of data transformations and DTP in SAP Business Warehouse powered by HANA

Lesson 2: Explaining InfoObjects Enhancements for SAP Business Warehouse powered by SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Explain InfoObject enhancements for SAP Business Warehouse powered by SAP HANA

Lesson 3: Administrating DataStore object (advanced)

Lesson Objectives

After completing this lesson, you will be able to:

- Manage Data StoreObject (advanced)

Lesson 4: Introducing Process Chains

Lesson Objectives

After completing this lesson, you will be able to:

- Create a simple process chain

Lesson 5: Explaining SAP HANA Delta Merge in SAP Business Warehouse (SAP BW)

Lesson Objectives

After completing this lesson, you will be able to:

- Explain SAP HANA Delta Merge SAP BW

Lesson 6: Introducing Business Intelligence (BI) Content

Lesson Objectives

After completing this lesson, you will be able to:

- Explain BI content and BI content activation
- Describe advanced SAP HANA-optimized Business content

Lesson 7: Introducing S4/HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the strategy to bring OLAP and OLTP together and how it relates to S/4HANA
- Describe S/4HANA Analytics and how it compliments SAP BW powered by HANA