BW410
Data Warehousing with SAP BW/4HANA

COURSE OUTLINE

Course Version: 14
Course Duration: 5 Day(s)
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American English is the standard used in this handbook. The following typographic conventions are also used.

<table>
<thead>
<tr>
<th>Typographic Conventions</th>
<th>Example text</th>
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<tbody>
<tr>
<td>This information is displayed in the instructor’s presentation</td>
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<td>Demonstration</td>
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<td>Procedure</td>
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<td>Warning or Caution</td>
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<td>Hint</td>
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<td>Related or Additional Information</td>
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<td>Facilitated Discussion</td>
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<td>User interface control</td>
<td>Example text</td>
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<td>Window title</td>
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## Course Overview

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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 with SAP BW/4HANA

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 the Characteristic InfoObject

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 Graphical Data Flow Modeling

Lesson Objectives
After completing this lesson, you will be able to:

• Understand the 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 BW/4HANA 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 Modeler Perspective

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 BW/4HANA 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 Views to persist data in SAP BW/4HANA
Lesson 1: Explaining the Details of Data Transformation and Data Transfer Process (DTP) in SAP BW/4HANA

Lesson Objectives
After completing this lesson, you will be able to:

• Explain the Possibilities of Data Transformations and DTPs

Lesson 2: Explaining InfoObjects Enhancements for SAP BW/4HANA

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 BW/4HANA

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 S/4HANA
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