COURSE OUTLINE

Course Version: 18
Course Duration:
American English is the standard used in this handbook. The following typographic conventions are also used.

<table>
<thead>
<tr>
<th>Typographic Convention</th>
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<tr>
<td>This information is displayed in the instructor’s presentation</td>
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<tr>
<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>
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<td>Window title</td>
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### Course Overview

1. **Unit 1:** Key Concepts of SAP BW/4HANA
   - Lesson: Introduction to SAP BW/4HANA
   - Lesson: How SAP HANA powers SAP BW/4HANA
   - Lesson: SAP BW/4HANA Tools

2. **Unit 2:** Master Data in SAP BW/4HANA
   - Lesson: InfoObject: Characteristic
   - Lesson: Generic DataSource
   - Lesson: Transformation and Data Transfer Process (DTP) for Attribute Master Data Loading
   - Lesson: Graphical Data Flow Modeling
   - Lesson: SAP BW/4HANA Hierarchies
   - Lesson: Deletion and Change of Master Data

3. **Unit 3:** Transactional Data in SAP BW/4HANA
   - Lesson: Introduction to InfoProviders
   - Lesson: InfoObject: Key Figure
   - Lesson: Data Mart DataStore Object
   - Lesson: Data Flow for Transaction Data
   - Lesson: Standard DataStore Object and Load Data from a Flatfile DataSource
   - Lesson: CompositeProvider

4. **Unit 4:** Integration of native SAP HANA Models with SAP BW/4HANA
   - Lesson: Introduction to SAP Web IDE for SAP HANA
   - Lesson: Overview of Data Provisioning in SAP HANA
   - Lesson: Introduction to SAP HANA Native Modeling
   - Lesson: Combine SAP BW/4HANA InfoProviders with native SAP HANA models

5. **Unit 5:** Open ODS Views
   - Lesson: Creation of Open ODS Views
   - Lesson: Creation of DataSources from Open ODS Views

6. **Unit 6:** Transformations and Data Transfer Processes (DTP)
   - Lesson: Transformations
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TARGET AUDIENCE
This course is intended for the following audiences:

- Business Analyst
- Business Process Owner/Team Lead/Power User
- User
Lesson 1: Introduction to SAP BW/4HANA

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

- Describe SAP BW/4HANA
- Describe data warehousing

Lesson 2: How SAP HANA powers SAP BW/4HANA

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

- Describe how SAP HANA powers SAP BW/4HANA

Lesson 3: SAP BW/4HANA Tools

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

- Work with SAP BW/4HANA tools
Lesson 1: InfoObject: Characteristic
Lesson Objectives
After completing this lesson, you will be able to:

- Explain the InfoObject: Characteristic

Lesson 2: Generic DataSource
Lesson Objectives
After completing this lesson, you will be able to:

- Create a generic DataSource

Lesson 3: 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: Graphical Data Flow Modeling
Lesson Objectives
After completing this lesson, you will be able to:

- Understand the graphical data flow modeling

Lesson 5: SAP BW/4HANA Hierarchies
Lesson Objectives
After completing this lesson, you will be able to:

- Model and load a simple SAP BW/4HANA hierarchy

Lesson 6: Deletion and Change of Master Data
Lesson Objectives
After completing this lesson, you will be able to:

- Understand deletion and change of master data
Lesson 1: Introduction to InfoProviders

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

- Describe InfoProviders

Lesson 2: InfoObject: Key Figure

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

- Create a key figure InfoObject

Lesson 3: Data Mart DataStore Object

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

- Model a Data Mart DataStore Object

Lesson 4: 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: Standard DataStore Object and Load Data from a Flatfile DataSource

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

- Create a Standard DataStore Object
- Load data from flat file DataSource into the DataStore Object
- Activate data in a DataStore Object (advanced)
Lesson 6: CompositeProvider

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

- Create a CompositeProvider
Lesson 1: Introduction to SAP Web IDE for SAP HANA

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

- Explore SAP Web IDE for SAP HANA

Lesson 2: Overview of Data Provisioning in SAP HANA

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

- Describe data provisioning in SAP HANA

Lesson 3: Introduction to SAP HANA Native Modeling

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

- Work with SAP HANA Calculation Views

Lesson 4: Combine SAP BW/4HANA InfoProviders with native SAP HANA models

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

- Combine SAP BW/4HANA InfoProvider with SAP HANA Views
Lesson 1: Creation of Open ODS Views

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

• Create Open ODS views

Lesson 2: Creation of DataSources from Open ODS Views

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: Transformations

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

• Implement transformations

Lesson 2: Data Transfer Processes (DTP)

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

• Implement data transfer processes (DTP)
Lesson 1: Manage DataStore Objects (advanced)

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

- Manage DataStore objects (advanced)

Lesson 2: Process Chains

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

- Create a process chain

Lesson 3: SAP HANA Delta Merge in SAP BW/4HANA

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

- Explain SAP HANA Delta Merge
Lesson 1: Glossary

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

• Understand the key terms used with SAP BW/4HANA