

BW410

SAP BW/4HANA Data Warehousing

COURSE OUTLINE

Course Version: 22

Course Duration:

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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

Example text

Window title

Example text

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

UNIT 1

Introducing Data Warehousing in SAP BW/4HANA

Lesson 1: Introducing Enterprise Data, SAP BW/4HANA and the Role of SAP HANA in SAP BW/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how SAP BW/4HANA is used to set up a data warehouse

Lesson 2: Working with SAP BW/4HANA Tools

Lesson Objectives

After completing this lesson, you will be able to:

- Work with SAP BW/4HANA tools

Lesson 3: Introducing a Data Warehousing Scenario

Lesson Objectives

After completing this lesson, you will be able to:

- Identify a data warehousing scenario to be implemented in SAP BW/4HANA

Lesson 1: Introducing InfoObjects

Lesson Objectives

After completing this lesson, you will be able to:

- Describe InfoObjects

Lesson 2: Defining Characteristics

Lesson Objectives

After completing this lesson, you will be able to:

- Define Characteristics

Lesson 3: Defining Key Figures

Lesson Objectives

After completing this lesson, you will be able to:

- Define Key Figures

Lesson 1: Introducing Data Flow Modeling

Lesson Objectives

After completing this lesson, you will be able to:

- Describe Data Flows

Lesson 2: Introducing Graphical Data Flow Modeling

Lesson Objectives

After completing this lesson, you will be able to:

- Work with graphical Data Flow modeling

Lesson 1: Introducing ODP

Lesson Objectives

After completing this lesson, you will be able to:

- Describe ODP

Lesson 2: Creating ODP_SAP DataSources

Lesson Objectives

After completing this lesson, you will be able to:

- Create an ODP_SAP DataSource

Lesson 3: Replicating ODP_SAP DataSources

Lesson Objectives

After completing this lesson, you will be able to:

- Replicate an ODP_SAP DataSource

Lesson 4: Creating Transformations and Data Transfer Processes

Lesson Objectives

After completing this lesson, you will be able to:

- Create Transformations and Data Transfer Processes

Lesson 5: Executing Data Transfer Processes and Exploring Master Data

Lesson Objectives

After completing this lesson, you will be able to:

- Execute Data Transfer Processes and explore master data

Lesson 1: Introducing DataStore Objects (advanced)

Lesson Objectives

After completing this lesson, you will be able to:

- Describe DataStore Objects (advanced)

Lesson 2: Using the Data Mart DataStore Object

Lesson Objectives

After completing this lesson, you will be able to:

- Use the Data Mart DataStore Object

Lesson 3: Using the Standard DataStore Object

Lesson Objectives

After completing this lesson, you will be able to:

- Use the Standard DataStore Object

Lesson 4: Using the Staging DataStore Object

Lesson Objectives

After completing this lesson, you will be able to:

- Use the Staging DataStore Object

Lesson 1: Loading Transactional Data from SAP S/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Load transactional data from SAP S/4HANA

Lesson 2: Loading Transactional Data from a Flat File

Lesson Objectives

After completing this lesson, you will be able to:

- Load transactional data from a flat file

Lesson 3: Updating Transactional Data in a Standard DataStore Object

Lesson Objectives

After completing this lesson, you will be able to:

- Update transactional data in a Standard DataStore Object

Lesson 1: Introducing InfoSources

Lesson Objectives

After completing this lesson, you will be able to:

- Describe InfoSources

Lesson 2: Using Transformation Rules

Lesson Objectives

After completing this lesson, you will be able to:

- Use transformation rules

Lesson 3: Using Rule Groups

Lesson Objectives

After completing this lesson, you will be able to:

- Use rule groups

Lesson 4: Using Start Routine, End Routine and Expert Routine

Lesson Objectives

After completing this lesson, you will be able to:

- Use start routine, end routine and expert routine

Lesson 5: Identifying Runtime in Transformations

Lesson Objectives

After completing this lesson, you will be able to:

- Identify runtime in Transformations

Lesson 1: Introducing Open ODS Views

Lesson Objectives

After completing this lesson, you will be able to:

- Use Open ODS Views

Lesson 2: Using Open ODS Views in Modeling Scenarios

Lesson Objectives

After completing this lesson, you will be able to:

- Use Open ODS Views in modeling scenarios

Lesson 3: Loading Data Based on an Open ODS View

Lesson Objectives

After completing this lesson, you will be able to:

- Load data based on an Open ODS View

Lesson 1: Introducing CompositeProviders

Lesson Objectives

After completing this lesson, you will be able to:

- Use CompositeProviders

Lesson 2: Introducing Queries

Lesson Objectives

After completing this lesson, you will be able to:

- Identify Queries

UNIT 10

Exploring Administrative and Operational Activities Related to Data Loading

Lesson 1: Administrating Master Data

Lesson Objectives

After completing this lesson, you will be able to:

- Administrate master data

Lesson 2: Administrating DataStore Objects (advanced)

Lesson Objectives

After completing this lesson, you will be able to:

- Administrate DataStore Objects (advanced)

Lesson 3: Using Process Chains

Lesson Objectives

After completing this lesson, you will be able to:

- Use Process Chains

Lesson 4: Describing SAP HANA Delta Merge Related To SAP BW/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Describe SAP HANA delta merge related to SAP BW/4HANA