DBW462

Data Warehousing with SAP BW/4HANA - Delta from SAP BW on any DB (classic)

COURSE OUTLINE

Course Version: 19
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:

- Application Consultant
- Systems Architect
- Solution Architect

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UNIT 1 Getting Started

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 Data Warehouseing

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce SAP Data Warehousing Strategy and Solutions

Lesson 3: Getting Started with SAP BW/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Give an overview of SAP BW, the value added by SAP HANA, and the evolution to SAP BW/4HANA

Lesson 4: Getting Started with SAP BW/4HANA Modeling Tools

Lesson Objectives

After completing this lesson, you will be able to:

- Work with the Eclipse-based UI for modeling in SAP BW/4HANA

Lesson 5: Getting Started with SAP BW/4HANA Cockpit

Lesson Objectives

After completing this lesson, you will be able to:

- Leverage the new SAP BW/4HANA cockpit for regular Data Warehouse tasks in SAP BW/4HANA

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UNIT 2 Paths to SAP BW/4HANA

Lesson 1: Describing Conversion Strategies and Tools

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the transfer tool support to prepare the conversion to SAP BW/4HANA

Lesson 2: Introducing Different Conversion Approaches

Lesson Objectives

After completing this lesson, you will be able to:

- Provide a quick overview of all conversion approaches

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UNIT 3 SAP HANA Modeling

Lesson 1: Getting Started with SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Develop a base-line knowledge of SAP HANA

Lesson 2: Getting Started with 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 3: Getting Started with SAP HANA Native Modeling

Lesson Objectives

After completing this lesson, you will be able to:

- Work with SAP HANA Calculation Views

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UNIT 4 Core Modeling Artifacts in SAP BW/4HANA

Lesson 1: Describing InfoObjects

Lesson Objectives

After completing this lesson, you will be able to:

- Provide an overview of new InfoObject features

Lesson 2: Explaining Advanced DataStore Objects

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce modeling options for Advanced DataStore Objects

Lesson 3: Explaining CompositeProviders

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the purpose of the CompositeProvider

Lesson 4: Getting Started with Open ODS Views

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce the new BW data model for virtual data integration: Open ODS View

Lesson 5: Describing Open Hub Destinations

Lesson Objectives

After completing this lesson, you will be able to:

- Provide an overview of the Open Hub Destination object in SAP BW/4HANA

Lesson 6: Introducing BAdI Providers

Lesson Objectives

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After completing this lesson, you will be able to:

- Provide a quick overview of the BAdI Provider

Lesson 7: Explaining the BW/4HANA Reference Architecture LSA++

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the concepts of SAP´s reference architecture for SAP BW/4HANA

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UNIT 5

Hybrid Modeling in Mixed Scenarios

Lesson 1: Generating External SAP HANA Views for SAP BW/4HANA Objects

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how to generate SAP HANA Views for SAP BW/4HANA objects

Lesson 2: Describing Mixed Scenarios

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the purpose of mixed scenarios

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UNIT 6 Innovations for Selected SAP BW/4HANA Modeling Aspects

Lesson 1: Explaining the SAP BW/4HANA Content Add-On

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the key concepts of the SAP BW/4HANA Content Add-On

Lesson 2: Introducing HANA Analysis Processes

Lesson Objectives

After completing this lesson, you will be able to:

- Design HANA-optimized analysis processes in SAP BW

Lesson 3: Describing the SAP BW/4HANA Analytic Manager

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the analytic manager and different query processing modes

Lesson 4: Explaining SAP HANA-Optimized Transformations

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how Transformation can be SAP HANA-optimized

Lesson 5: Describing Process Chains

Lesson Objectives

After completing this lesson, you will be able to:

- Leverage process chains in SAP BW/4HANA

Lesson 6: Explaining Authorizations

Lesson Objectives

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After completing this lesson, you will be able to:

- Understand the changes in the authorization concepts of SAP BW/4HANA

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UNIT 7

SAP BW/4HANA Data Lifecycle Management

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/4HANA

Lesson 2: Introducing SAP BW/4HANA Data Tiering Optimization (DTO)

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the SAP BW/4HANA concept of Data Tiering Optimization

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UNIT 8 Data Provisioning into SAP HANA and SAP BW/4HANA

Lesson 1: Explaining Data Provisioning Options

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how to provision data into SAP HANA and SAP BW/4HANA

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 in the context of SAP HANA

Lesson 3: Describing SAP HANA Remote Sources (SDA/SDI)

Lesson Objectives

After completing this lesson, you will be able to:

- Explain SAP HANA smart data access and SAP HANA smart data integration and how SAP BW/4HANA is able to leverage them

Lesson 4: Explaining Operational Data Provisioning into SAP BW/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the different ODP data provisioning types relevant for SAP BW/4HANA

Lesson 5: Introducing Integration Options with Cloud Sources

Lesson Objectives

After completing this lesson, you will be able to:

- Provide an Overview of Integration Options with Cloud Applications

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UNIT 9 SAP BW/4HANA and Core Data Services

Lesson 1: Getting Started with SAP Core Data Services

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce SAP Core Data Services and how this technology relates to SAP BW/4HANA

Lesson 2: Introducing SAP BW/4HANA Statistical Analysis

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the new solution replacing 0TCT content

Lesson 3: Introducing SAP S/4HANA Extraction based on ODP_CDS

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce ABAP CDS Views as Providers for ODP Extraction and the new DataSources available in SAP S/4HANA

Lesson 4: Describing CDS DataSources in SAP S/4HANA and related content in SAP BW/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Introduce S/4HANA CDS-based DataSources and related content in BW/4HANA

Lesson 5: Getting Started with SAP S/4HANA Embedded Analytics

Lesson Objectives

After completing this lesson, you will be able to:

- Understand SAP S/4HANA and describe SAP S/4HANA embedded analytics

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UNIT 10

The Impact of SAP S/4HANA to SAP BW

Lesson 1: Explaining the Impact of SAP S/4HANA on SAP BW

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the impact of SAP S/4HANA on SAP BW

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UNIT 11 Appendix

Lesson 1: Getting Started with BW Workspaces

Lesson Objectives

After completing this lesson, you will be able to:

- Get started with SAP BW/4HANA Workspaces

Lesson 2: Getting Started with SAP Analytics Cloud

Lesson Objectives

After completing this lesson, you will be able to:

- Explain benefits and core functionalities of SAP Analytics Cloud

Lesson 3: Explaining the SAP BW/4HANA Tool Collection

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the value of the SAP BW/4HANA tool collection

Lesson 4: Providing Useful Transaction Codes

Lesson Objectives

After completing this lesson, you will be able to:

- Summarize useful transactions codes in SAP BW/4HANA

Lesson 5: Providing Components for SAP Support and SAP Notes

Lesson Objectives

After completing this lesson, you will be able to:

- Summarize the BW/4HANA Components for SAP Support and SAP Notes

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