# **DBW462**

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

**COURSE OUTLINE** 

Course Version: 21 Course Duration:

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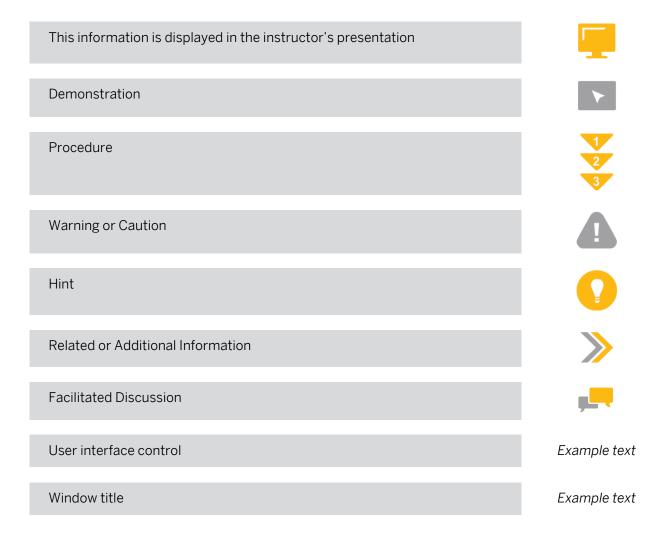
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# **Typographic Conventions**

American English is the standard used in this handbook. The following typographic conventions are also used.





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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 SAP Data Warehousing

#### **Lesson Objectives**

After completing this lesson, you will be able to:

Introduce SAP Data Warehousing Strategy and Solutions

# Lesson 2: 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 3: Getting Started with SAP BW/4HANA

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Give an overview of the evolution to SAP BW/4HANA

# Lesson 4: Getting Started with SAP BW 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



# 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



# 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



# 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 BAdl Providers**

### **Lesson Objectives**

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After completing this lesson, you will be able to:

• Provide a quick overview of the BAdl Provider

# Lesson 7: Explaining the SAP 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

# 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



# UNIT 6 Innovations for Selected SAP BW/4HANA Areas

# 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 SAP HANA Analysis Processes

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Design SAP HANA Analysis Processes in SAP BW/4HANA

## 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 BW 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

# Lesson 7: Introducing the Data Protection Workbench (optional)

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Provide an overview of Data Protection and Privacy in SAP BW/4HANA

# 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

#### Lesson Objectives

After completing this lesson, you will be able to:

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



# 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: 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 3: 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 4: 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

# Lesson 5: Explaining SLT Replication into SAP HANA (optional)

### **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



# 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 OTCT 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 SAP BW/4HANA content

#### Lesson Objectives

After completing this lesson, you will be able to:

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



# 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



# UNIT 11 Appendix

# Lesson 1: Getting Started with BW Workspaces

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Get an Overview of SAP BW Workspaces

# Lesson 2: Introducing 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: Providing Useful Transaction Codes

#### **Lesson Objectives**

After completing this lesson, you will be able to:

• Summarize useful transactions codes in SAP BW/4HANA

