

SAP S/4HANA Embedded Analytics Foundation

COURSE OUTLINE

Course Version: 20 Course Duration:

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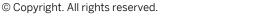
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Typographic Conventions

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

This information is displayed in the instructor's presentation	-
Demonstration	*
Procedure	1 2 3
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
- Business Analyst
- Business Process Architect
- Help Desk/CoE Support



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UNIT 1 Getting Started

Lesson 1: Describing SAP S/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

• Describe SAP S/4HANA

Lesson 2: Describing SAP S/4HANA Embedded Analytics

Lesson Objectives

After completing this lesson, you will be able to:

• Explain SAP S/4HANA embedded analytics

Lesson 3: Describing the SAP S/4HANA Virtual Data Model

Lesson Objectives

After completing this lesson, you will be able to:

- Explain Virtual Data Models (VDM)
- Explain Core Data Services (CDS) Views



UNIT 2 S/4HANA Analytical Apps for the Business User

Lesson 1: Providing Key Information at a Glance with Overview Pages

Lesson Objectives

After completing this lesson, you will be able to:

• Manage overview pages

Lesson 2: Processing Worklists with Analytical List Pages

Lesson Objectives

After completing this lesson, you will be able to:

• Launch and make changes to Analytical List Pages

Lesson 3: Accessing Analytical Queries with the Query Browser

Lesson Objectives

After completing this lesson, you will be able to:

• Find and launch analytical queries with the Query Browser

Lesson 4: Accessing Data across Dimensions with Multidimensional Reports

Lesson Objectives

After completing this lesson, you will be able to:

• Access and optimize Multidimensional Reports

Lesson 5: Navigating Smart Business KPIs

Lesson Objectives

After completing this lesson, you will be able to:

• Launch and group Smart Business KPIs

Lesson 6: Explaining Analytical SAP Fiori Applications



Lesson Objectives

After completing this lesson, you will be able to:

• Describe SAP Fiori Analytical Applications

Lesson 7: Exploring Data in Real Time with the Analysis Path Framework (APF)

Lesson Objectives

After completing this lesson, you will be able to:

• Build apps based on the Analysis Path Framework (APF)

UNIT 3 S/4HANA Analytical Apps and Tools for the Analytics Specialist

Lesson 1: Exploring CDS Views with the View Browser

Lesson Objectives

After completing this lesson, you will be able to:

• Explain the View Browser

Lesson 2: Creating Custom CDS Views

Lesson Objectives

After completing this lesson, you will be able to:

Create Customized CDS Views

Lesson 3: Building Custom Analytical Queries

Lesson Objectives

After completing this lesson, you will be able to:

• Create Custom Analytical Queries

Lesson 4: Managing KPIs and Reports

Lesson Objectives

After completing this lesson, you will be able to:

- Create a KPI
- Create a Report

Lesson 5: Customizing Date Functions

Lesson Objectives

After completing this lesson, you will be able to:

• Work with Data Functions

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UNIT 4 **Tools for the IT Expert**

Lesson 1: Developing CDS Views in Eclipse with ABAP Development Tools

Lesson Objectives

After completing this lesson, you will be able to:

• Explore CDS views in Eclipse with ABAP Development Tools

Lesson 2: Testing Analytical Queries with RSRT

Lesson Objectives

After completing this lesson, you will be able to:

- Test Analytical Queries with RSRT
- Create a Tile to Launch an Analytical Query

Lesson 3: Activating OData Services

Lesson Objectives

After completing this lesson, you will be able to:

• Activate an OData Service



UNIT 5 Integration with other SAP BI Tools

Lesson 1: Consuming Analytical Queries with Other SAP BI Tools

Lesson Objectives

After completing this lesson, you will be able to:

• Launch analytical queries with SAP Analysis for Microsoft Office

Lesson 2: Describing SAP Fiori Integration with Other SAP BI Tools

Lesson Objectives

After completing this lesson, you will be able to:

• Explain how SAP Fiori integrates with Other SAP BI Tools

Lesson 3: Describing SAP Analytics Cloud Integration with S/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Explain SAP Analytics Cloud Integration with S/4HANA
- Explore standard delivered SAP Analytics Cloud content
- Create a Fiori Tile to Launch a Storie
- Launch and navigate stories from SAP Analytics Cloud



UNIT 6 SAP BW and BW/4HANA Integration with S/4HANA embedded analytics

Lesson 1: Describing SAP BW and BW/4HANA Integration with S/ 4HANA embedded analytics

Lesson Objectives

After completing this lesson, you will be able to:

• Explain SAP BW and BW/4HANA Integration with S/4HANA embedded analytics



UNIT 7 Predefined Analytics Content

Lesson 1: Exploring Predefined Analytics Content

Lesson Objectives

After completing this lesson, you will be able to:

• Use tools to explore predefined analytics content



UNIT 8 Best Practices for S/4HANA Embedded Analytics

Lesson 1: Describing Best Practices for Analytics with SAP S/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

• Explain SAP best practices for S/4HANA embedded analytics

