S4H400

SAP S/4HANA Embedded Analytics Foundation

COURSE OUTLINE

Course Version: 20
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
- 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

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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

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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)

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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

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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

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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

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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

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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

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