

# S4F07

## Reporting for Finance in SAP S/4HANA

### COURSE OUTLINE

Course Version: 17

Course Duration:



# SAP Copyrights, Trademarks and Disclaimers

© 2021 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. Please see <http://global12.sap.com/corporate-en/legal/copyright/index.epx> for additional trademark information and notices.

Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors.

National product specifications may vary.

These materials may have been machine translated and may contain grammatical errors or inaccuracies.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP SE or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP SE or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE's or its affiliated companies' strategy and possible future developments, products, and/or platform directions and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.

# 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   | <i>Example text</i>   |
| Window title   | <i>Example text</i>   |

# Contents

## vii Course Overview

### 1 Unit 1: Analytics in SAP S/4HANA - Next Generation Reporting in a Next Generation Business Suite

- 1 Lesson: Introducing Analytics in SAP S/4HANA
- 1 Lesson: Describing SAP S/4HANA UIs and SAP Analytics UIs
- 1 Lesson: Describing The View Browser and Query Browser

### 3 Unit 2: SAP Fiori Basic Knowledge – A Prerequisite for Reporting in SAP S/4HANA

- 3 Lesson: Describing the SAP Fiori Launchpad - High-Level Introduction
- 3 Lesson: Using the SAP Fiori Launchpad Designer
- 3 Lesson: Exploring Fiori Multidimensional Reporting in SAP S/4HANA Using Queries
- 3 Lesson: Creating a Global Hierarchy
- 3 Lesson: Manage Flexible Hierarchies

### 5 Unit 3: SAP S/4HANA Embedded Analytics Architecture

- 5 Lesson: Describing the Virtual Data Model (VDM)
- 5 Lesson: Describing CDS Queries, Analytical Queries, and Transient Queries

### 7 Unit 4: SAP S/4HANA Extensibility Tools

- 7 Lesson: Creating a Custom CDS View
- 7 Lesson: Using the Data Source Extensions in the Custom Fields and Logic App
- 7 Lesson: Custom Fields in the Custom Fields and Logic App

### 9 Unit 5: Custom Analytical Queries App

- 9 Lesson: Setting Up Analytical Queries - Features and Functions
- 9 Lesson: Describing Additional Aspects on Analytical Queries
- 9 Lesson: Managing Date Functions for Custom Analytical Queries
- 9 Lesson: Exploring Semantic Tagging

### 11 Unit 6: Using the Manage KPIs and Reports App

- 11 Lesson: Building Reports of Type Analytical Listpage
- 11 Lesson: Setting up KPIs using the Manage KPIs and Reports App

**13**      **Unit 7:      Analysis Path Framework (APF) Configuration Modeler**

13      Lesson: Creating an Analysis Path Framework (APF) Configuration

13      Lesson: Creating an Analysis Path

13      Lesson: Launching the Analysis Path Framework (APF)  
Configuration in a KPI Tile

# Course Overview

## **TARGET AUDIENCE**

This course is intended for the following audiences:

- Project Stakeholder
- Support Consultant
- Super / Key / Power User
- System Administrator





## Lesson 1: Introducing Analytics in SAP S/4HANA

### Lesson Objectives

After completing this lesson, you will be able to:

- Describe embedded and strategic analytics

## Lesson 2: Describing SAP S/4HANA UIs and SAP Analytics UIs

### Lesson Objectives

After completing this lesson, you will be able to:

- Describe the available SAP S/4HANA UIs and SAP Analytics UIs

## Lesson 3: Describing The View Browser and Query Browser

### Lesson Objectives

After completing this lesson, you will be able to:

- Getting into the View Browser and Query Browser



## Lesson 1: Describing the SAP Fiori Launchpad - High-Level Introduction

### Lesson Objectives

After completing this lesson, you will be able to:

- Describe the benefits of SAP Fiori
- List the main configuration elements of the SAP Fiori launchpad and describe how they work together

## Lesson 2: Using the SAP Fiori Launchpad Designer

### Lesson Objectives

After completing this lesson, you will be able to:

- Configure a catalog and a group using the SAP Fiori launchpad designer
- Create a role that refers to your catalog and group
- Use the different possibilities to empty the cache

## Lesson 3: Exploring Fiori Multidimensional Reporting in SAP S/4HANA Using Queries

### Lesson Objectives

After completing this lesson, you will be able to:

- Execute Content Analytical Queries in Different Reporting Tools

## Lesson 4: Creating a Global Hierarchy

### Lesson Objectives

After completing this lesson, you will be able to:

- Setting up a Reporting Hierarchy for P&L Accounts

## Lesson 5: Manage Flexible Hierarchies

### Lesson Objectives

After completing this lesson, you will be able to:

- Working with Flexible Hierarchies

## Lesson 1: Describing the Virtual Data Model (VDM)

### Lesson Objectives

After completing this lesson, you will be able to:

- Describe the virtual data model (VDM)

## Lesson 2: Describing CDS Queries, Analytical Queries, and Transient Queries

### Lesson Objectives

After completing this lesson, you will be able to:

- Describe how to publish and activate an OData Service for an Analytical Query



## Lesson 1: Creating a Custom CDS View

### Lesson Objectives

After completing this lesson, you will be able to:

- Create a custom CDS view

## Lesson 2: Using the Data Source Extensions in the Custom Fields and Logic App

### Lesson Objectives

After completing this lesson, you will be able to:

- Use the data source extensions in the Custom Fields and Logic app

## Lesson 3: Custom Fields in the Custom Fields and Logic App

### Lesson Objectives

After completing this lesson, you will be able to:

- Create Custom Field with Business Context „Accounting Coding Block“
- UI Adaptions for Master Data Apps (only)
- Create Custom Field for Margin Analysis





## Lesson 1: Setting Up Analytical Queries - Features and Functions

### Lesson Objectives

After completing this lesson, you will be able to:

- Describe how to use the Analytical Queries app to create a report from scratch on top of a custom CDS view

## Lesson 2: Describing Additional Aspects on Analytical Queries

### Lesson Objectives

After completing this lesson, you will be able to:

- Check your Analytical Query in the View Browser, in the ABAP Project Explorer, and the Query Monitor

## Lesson 3: Managing Date Functions for Custom Analytical Queries

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand the date functions concept

## Lesson 4: Exploring Semantic Tagging

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand how to work with and configure semantic tags



## Lesson 1: Building Reports of Type Analytical Listpage

### Lesson Objectives

After completing this lesson, you will be able to:

- Setting Up Graphical Visualizations of Reports

## Lesson 2: Setting up KPIs using the Manage KPIs and Reports App

### Lesson Objectives

After completing this lesson, you will be able to:

- Creation of a KPI Tile



## Lesson 1: Creating an Analysis Path Framework (APF) Configuration

### Lesson Objectives

After completing this lesson, you will be able to:

- Use the Analysis Path Framework (APF)

## Lesson 2: Creating an Analysis Path

### Lesson Objectives

After completing this lesson, you will be able to:

- Set up an analysis path
- Describe the filter possibilities that you have in an analysis path
- Navigate to a target app from your analysis path

## Lesson 3: Launching the Analysis Path Framework (APF) Configuration in a KPI Tile

### Lesson Objectives

After completing this lesson, you will be able to:

- Execute the Analysis Path Framework (APF) configuration from an end user perspective