

# S4DEV

## Introduction to Application Programming on SAP S/4HANA

### COURSE OUTLINE

Course Version: 23

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

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# Course Overview

## TARGET AUDIENCE

This course is intended for the following audiences:

- Developer





## **Lesson 1: Exploring SAP S/4HANA**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Explore SAP S/4HANA

## **Lesson 2: Exploring SAP Fiori**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Explore SAP Fiori



## Lesson 1: Working with ABAP Development Tools (ADT)

### Lesson Objectives

After completing this lesson, you will be able to:

- Work with ABAP Development Tools

## Lesson 2: Exploring ABAP Core Data Services (CDS)

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand the basics of Core Data Services (CDS)
- Open and analyze a data definition
- Open and analyze an access control

## Lesson 3: Creating CDS Views

### Lesson Objectives

After completing this lesson, you will be able to:

- Define a CDS view
- Define a CDS role



## Lesson 1: Exploring Business Services

### Lesson Objectives

After completing this lesson, you will be able to:

- Explore business services

## Lesson 2: Working with Business Services

### Lesson Objectives

After completing this lesson, you will be able to:

- Create service definitions and service bindings



## Lesson 1: Developing SAP Fiori UIs

### Lesson Objectives

After completing this lesson, you will be able to:

- Explore SAPUI5
- Compare SAPUI5 freestyle development with SAP Fiori elements development

## Lesson 2: Consuming Business Data using SAP Fiori Elements

### Lesson Objectives

After completing this lesson, you will be able to:

- Explore SAP Fiori elements
- Configure a list report application

## Lesson 3: Working with the SAP Business Application Studio

### Lesson Objectives

After completing this lesson, you will be able to:

- Create an SAP Fiori elements application
- Use SAP Fiori tools Guided Development
- Deploy an SAP Fiori elements application





## Lesson 1: Managing SAP Fiori Launchpad Content

### Lesson Objectives

After completing this lesson, you will be able to:

- Describe how the content of the SAP Fiori launchpad is organized

## Lesson 2: Creating Business Catalogs

### Lesson Objectives

After completing this lesson, you will be able to:

- Create business catalogs

## Lesson 3: Creating Technical Catalogs

### Lesson Objectives

After completing this lesson, you will be able to:

- Create technical catalogs



## Lesson 1: Enabling Change Operations

### Lesson Objectives

After completing this lesson, you will be able to:

- Provide create, update, and delete functionalities
- Enable draft capabilities

## Lesson 2: Implementing Additional Functionality

### Lesson Objectives

After completing this lesson, you will be able to:

- Explore determinations, validations, and actions
- Add value help