

# SACS31

## SAP Analytics Cloud: Advanced Story Design

### COURSE OUTLINE

Course Version: 2514

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:





# UNIT 1

## Develop stories using basic scripting options

### Lesson 1: Exploring Advanced Mode in SAP Analytics Cloud Stories

#### Lesson Objectives

After completing this lesson, you will be able to:

- Describe the use of Advanced Mode in story design.

### Lesson 2: Working in the SAP Analytics Cloud Script Editor

#### Lesson Objectives

After completing this lesson, you will be able to:

- Access and perform basic tasks in the Script Editor in Advanced Mode.

### Lesson 3: Using the Optimized Story Experience API Reference to Enhance a Story

#### Lesson Objectives

After completing this lesson, you will be able to:

- Use the Optimized Story Experience API Reference in SAP Analytics Cloud to enhance a story.

### Lesson 4: Enhancing Generic Navigation Widgets with Scripting

#### Lesson Objectives

After completing this lesson, you will be able to:

- Enhance generic navigation widgets with scripting.



## UNIT 2

# Develop stories using advanced scripting options

### **Lesson 1: Using Common JavaScript Options in a Script to Enhance a Story**

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Enhance a story using common JavaScript options.

### **Lesson 2: Using Global Scripting Options in a Script to Enhance a Story**

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Enhance a story using global script options.

### **Lesson 3: Debugging Scripts in an Enhanced Story**

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Describe the process of debugging a script.



## UNIT 3

# Understand and analyze the relationship between story design and performance

### Lesson 1: Exploring SAP Analytics Cloud Architecture

#### Lesson Objectives

After completing this lesson, you will be able to:

- Describe the Impact of the Architecture on Performance.

### Lesson 2: Identifying Performance Analysis Tools relevant for a Story Designer

#### Lesson Objectives

After completing this lesson, you will be able to:

- Describe the key tools used in performance analysis for a Story Designer.

### Lesson 3: Using general story design best practices and performance analysis

#### Lesson Objectives

After completing this lesson, you will be able to:

- Understand how to use general story design best practices and performance analysis.

### Lesson 4: Understanding data loading behavior related to story performance

#### Lesson Objectives

After completing this lesson, you will be able to:

- Understand how data loading behavior relates to story performance.

### Lesson 5: Optimizing Script performance

#### Lesson Objectives

After completing this lesson, you will be able to:

- Understand how to analyze script processing and performance.
- Understand typical scripting related improvement pattern.



## UNIT 4

# Exploring reusability and extensibility options

### **Lesson 1: Using extensibility and reusability options without web development techniques**

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Understand extensibility and reusability options without web development techniques.

### **Lesson 2: Using extensibility and reusability options with web development techniques**

#### **Lesson Objectives**

After completing this lesson, you will be able to:

- Understand extensibility and reusability options with web development techniques.





## Lesson 1: Using Arrays in a Script to Enhance a Story

### Lesson Objectives

After completing this lesson, you will be able to:

- Use arrays to loop the results set.

## Lesson 2: Scripting related to Data Change Insights

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand scripting options related to Data Change Insights.

## Lesson 3: Scripting related to R-Visualization using R programming

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand scripting options related to R-Visualization using R programming.

## Lesson 4: Scripting related to Bookmarks

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand scripting options related to bookmarks.

## Lesson 5: Filter & Prompt handling in stories

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand filter and prompt handling in stories.

## Lesson 6: Standard SAP Analytics Cloud URL APIs

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand the SAP Analytics Cloud URL API.

# UNIT 6

## Implement use cases related to the interoperability of stories

### Lesson 1: Connections between stories

#### Lesson Objectives

After completing this lesson, you will be able to:

- Understand options to connect stories.

### Lesson 2: Using OData calls in stories

#### Lesson Objectives

After completing this lesson, you will be able to:

- Understand the usage of OData calls in stories.

### Lesson 3: Using PostMessage API in stories

#### Lesson Objectives

After completing this lesson, you will be able to:

- Understand the usage of PostMessage API in stories.



## Lesson 1: Using CSS in stories

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand the usage of CSS in stories.

## Lesson 2: Story design related to mobile devices

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand story design options related to mobile devices.

## Lesson 3: Using the Timer function in stories

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand the usage of the timer function in stories.

## Lesson 4: Scripting related to export of stories

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand scripting options related to export of stories.

## Lesson 5: Scripting related to scheduling of stories

### Lesson Objectives

After completing this lesson, you will be able to:

- Understand scripting options related to scheduling of stories.