SACS31

SAP Analytics Cloud: Advanced Story Design

COURSE OUTLINE

Course Version: 2608
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:

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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.

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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.

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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.

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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.

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UNIT 5 Implement use cases related to data analysis

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 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 3: Scripting related to Bookmarks

Lesson Objectives

After completing this lesson, you will be able to:

- Understand scripting options related to bookmarks.

Lesson 4: Filter & Prompt handling in stories

Lesson Objectives

After completing this lesson, you will be able to:

- Understand filter and prompt handling in stories.

Lesson 5: Standard SAP Analytics Cloud URL APIs

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the SAP Analytics Cloud URL API.

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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.

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UNIT 7 Implement use cases related to story reporting

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.

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