

SAP Analytics Cloud: Analytics Designer

COURSE OUTLINE

Course Version: 33 Course Duration:

SAP Copyrights, Trademarks and Disclaimers

© 2022 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 <u>https://www.sap.com/corporate/en/legal/copyright.html</u> for additional trademark information and notices.

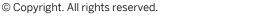
Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors.

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.





iii

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 | 1 2 3 |
| Warning or Caution | |
| Hint | |
| Related or Additional Information | > |
| Facilitated Discussion | |
| User interface control | Example text |
| Window title | Example text |

Contents

vii Course Overview

| 1 | Unit 1: | Overview of SAP Analytics Cloud, Analytics Designer |
|----------------------|---------|---|
| 1 1 | | Lesson: Introducing Analytics Designer Lesson: Using Analytics Designer |
| 3 | Unit 2: | Basic Application Design & Layout Techniques |
| 3 3 3 | | Lesson: Creating the First Application Lesson: Using Navigation Options Lesson: Defining the Layout of Applications |
| 5 | Unit 3: | Advanced Application Design with Scripting |
| 5 5 5 5 | | Lesson: Introducing the Scripting Capabilities Lesson: Using Advanced Scripting Scenarios Lesson: Understanding Additional Scripting Scenarios Lesson: Understanding Prompt Handling |
| 7 | Unit 4: | Advanced Layout Design |
| 7 7 | | Lesson: Using and Creating Themes Lesson: Defining a Dynamic Application Layout |
| 9 | Unit 5: | Performance Considerations |
| 9 | | Lesson: Understanding Performance Best Practices |
| 11 | Unit 6: | Export and Distribution Options |
| 11 11 11 11 | | Lesson: Exporting an Application Lesson: Scheduling a Publication Lesson: Using Data Change Insights Lesson: Using Bookmarks in Applications |
| 13 | Unit 7: | Additional Application Functionality |
| 13 13 13 | | Lesson: Embedding R-Visualizations Lesson: Using Smart Features Lesson: Managing Applications |
| 15 | Unit 8: | Inbound and Outbound Integration with External Information or Applications |
| 15 15 15 | | Lesson: Embedding RSS Feeds in Applications Lesson: Using OData Calls in Applications Lesson: Using postMessage API |



| 17 | Unit 9: | Appendix |
|----|---------|----------|
|----|---------|----------|

| 17 | |
|----|--------------------|
| 1/ | Lesson: References |
| ±/ | |
| | |

Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:



vii

UNIT1 Overview of SAP Analytics Cloud, Analytics Designer

Lesson 1: Introducing Analytics Designer

Lesson Objectives

After completing this lesson, you will be able to:

• Describe Analytics Designer

Lesson 2: Using Analytics Designer

Lesson Objectives

After completing this lesson, you will be able to:

• Use Analytics Designer



UNIT 2 Basic Application Design & Layout Techniques

Lesson 1: Creating the First Application

Lesson Objectives

After completing this lesson, you will be able to:

• Create your first application

Lesson 2: Using Navigation Options

Lesson Objectives

After completing this lesson, you will be able to:

• Use Navigation Options

Lesson 3: Defining the Layout of Applications

Lesson Objectives

After completing this lesson, you will be able to:

• Define the layout of applications



UNIT 3 Advanced Application Design with Scripting

Lesson 1: Introducing the Scripting Capabilities

Lesson Objectives

After completing this lesson, you will be able to:

Use basic scripting capabilities

Lesson 2: Using Advanced Scripting Scenarios

Lesson Objectives

After completing this lesson, you will be able to:

Use advanced scripting capabilities

Lesson 3: Understanding Additional Scripting Scenarios

Lesson Objectives

After completing this lesson, you will be able to:

Understand additional scripting scenarios

Lesson 4: Understanding Prompt Handling

Lesson Objectives

After completing this lesson, you will be able to:

Understand Prompt Handling



UNIT 4 Advanced Layout Design

Lesson 1: Using and Creating Themes

Lesson Objectives

After completing this lesson, you will be able to:

• Use existing themes and create new themes

Lesson 2: Defining a Dynamic Application Layout

Lesson Objectives

After completing this lesson, you will be able to:

• Define a dynamic application layout



UNIT 5 **Performance Considerations**

Lesson 1: Understanding Performance Best Practices

Lesson Objectives

After completing this lesson, you will be able to:

• Understand Performance Best Practices



UNIT 6 Export and Distribution Options

Lesson 1: Exporting an Application

Lesson Objectives

After completing this lesson, you will be able to:

• Use Export API

Lesson 2: Scheduling a Publication

Lesson Objectives

After completing this lesson, you will be able to:

Schedule a Publication

Lesson 3: Using Data Change Insights

Lesson Objectives

After completing this lesson, you will be able to:

• Introduce Data Change Insights

Lesson 4: Using Bookmarks in Applications

Lesson Objectives

After completing this lesson, you will be able to:

• Use bookmarks in applications



UNIT 7 Additional Application Functionality

Lesson 1: Embedding R-Visualizations

Lesson Objectives

After completing this lesson, you will be able to:

• Embed R-visualizations

Lesson 2: Using Smart Features

Lesson Objectives

After completing this lesson, you will be able to:

• Use smart features

Lesson 3: Managing Applications

Lesson Objectives

After completing this lesson, you will be able to:

• Manage applications



UNIT 8

Inbound and Outbound Integration with External Information or Applications

Lesson 1: Embedding RSS Feeds in Applications

Lesson Objectives

After completing this lesson, you will be able to:

• Embed RSS feeds in applications

Lesson 2: Using OData Calls in Applications

Lesson Objectives

After completing this lesson, you will be able to:

• Use OData calls in applications

Lesson 3: Using postMessage API

Lesson Objectives

After completing this lesson, you will be able to:

• Use postMessage API



UNIT 9 Appendix

Lesson 1: References

Lesson Objectives

After completing this lesson, you will be able to:

References

