SACM21

Designing Data Models and Transforming Data in SAP Analytics Cloud

COURSE OUTLINE

Course Version: 2521
Course Duration:

SAP Copyrights, Trademarks and Disclaimers

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*

Contents

Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Data Manager
- Data Consultant
- Industry / Business Analyst Consultant
- Database Administrator
- System Architect

UNIT 1

Explaining the Basics of Data Structures in SAP Analytics Cloud

Lesson 1: Explaining Where the Data Comes From

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the data source options.

Lesson 2: Identifying the Differences Between Model Types

Lesson Objectives

After completing this lesson, you will be able to:

- Identify the different model types.

Lesson 3: Creating Datasets

Lesson Objectives

After completing this lesson, you will be able to:

- Create a dataset.

UNIT 2 Designing and Creating Dimensions

Lesson 1: Defining Dimensions

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the difference between dimensions and measures, and private and public dimensions.

Lesson 2: Identifying Dimension Types

Lesson Objectives

After completing this lesson, you will be able to:

- Explain account, organization, generic, data and version data types.

Lesson 3: Describing Properties

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the unique properties for dimension types.

Lesson 4: Designing and Creating Hierarchies

Lesson Objectives

After completing this lesson, you will be able to:

- Create a dimension and hierarchy.

Lesson 5: Importing and Preparing Master Data for a Dimension

Lesson Objectives

After completing this lesson, you will be able to:

- Import and prepare data in a dimension.

UNIT 3 Creating Import Models

Lesson 1: Creating an Import Model

Lesson Objectives
After completing this lesson, you will be able to:

- Create an import model.

Lesson 2: Importing Data into a Model.

Lesson Objectives
After completing this lesson, you will be able to:

- Import transaction data into an SAP Analytics Cloud model.

Lesson 3: Preparing and Transforming Transaction Data

Lesson Objectives
After completing this lesson, you will be able to:

- Create a data import job to import transaction data and transform it in the SAP Analytics Cloud model.

Lesson 4: Scheduling Data Imports

Lesson Objectives
After completing this lesson, you will be able to:

- Set up a scheduled data import.

Lesson 5: Introducing Formulas and Calculations

Lesson Objectives
After completing this lesson, you will be able to:

- Describe the calculations created for import models.

Lesson 6: Creating Formulas and Calculations

Lesson Objectives
After completing this lesson, you will be able to:

- Create calculated measures in a model.

Lesson 7: Converting Currency

Lesson Objectives
After completing this lesson, you will be able to:

- Configure and convert currencies.

Lesson 8: Designing and Creating Time Hierarchies

Lesson Objectives
After completing this lesson, you will be able to:

- Create a custom time hierarchy.

UNIT 4 Working With Live Models

Lesson 1: Using Data Analyzer to Preview Your Live Data Structure

Lesson Objectives

After completing this lesson, you will be able to:

- Access data for your model with the data analyzer.

Lesson 2: Creating Live Models

Lesson Objectives

After completing this lesson, you will be able to:

- Create a live model using either SAP S/4HANA, SAP HANA, SAP Business Warehouse, or SAP BusinessObjects data.

Lesson 3: Working with SAP Datasphere

Lesson Objectives

After completing this lesson, you will be able to:

- Create a story using an SAP Datasphere model as the data source.

UNIT 5 Working with Geographic Data

Lesson 1: Configuring Geographic Data in a Model

Lesson Objectives

After completing this lesson, you will be able to:

- Configure data for a geo map.

UNIT 6 Defining Data Security

Lesson 1: Defining Data Access

Lesson Objectives

After completing this lesson, you will be able to:

- Apply data access control.