HA100

SAP HANA Introduction

COURSE OUTLINE

Course Version: 11
Course Duration: 2 Day(s)

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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:

- Application Consultant
- Project Stakeholder

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UNIT 1 Introduction

Lesson 1: Introducing SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Describe SAP HANA and how it powers modern applications
- Explain where SAP HANA can be used.

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UNIT 2 Architecture

Lesson 1: Exploring the SAP HANA Landscape

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the main components of an SAP HANA landscape

Lesson 2: Interfaces for Administrators and Developers

Lesson Objectives

After completing this lesson, you will be able to:

- Work with the SAP HANA Studio
- Describe the SAP Web Development Workbench

Lesson 3: Learning about the Database

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the key architectural features of the SAP HANA database

Lesson 4: Explaining High Availability

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the main characteristics of high availability

Lesson 5: Describing the main Security Features

Lesson Objectives

After completing this lesson, you will be able to:

- Understand how security is implemented in SAP HANA

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UNIT 3 Modeling and Data Processing

Lesson 1: Creating Information Models

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

- Understand SAP HANA Modeling
- Create information views

Lesson 2: Discovering SAP HANA Live

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

- Describe SAP HANA Live

Lesson 3: Defining and Processing Spatial Data

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

- Describe SAP HANA spatial processing

Lesson 4: Defining Text Search and Analysis

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

- Describe text processing in SAP HANA

Lesson 5: Explaining Predictive Modeling

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

- Describe predictive analysis in SAP HANA

Lesson 6: Using the Business Function Library

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Lesson Objectives

After completing this lesson, you will be able to:

- Describe the purpose of the Business Function Library

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UNIT 4 Data Provisioning

Lesson 1: Understanding the Main Data Provisioning Scenarios

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the big picture of SAP HANA data provisioning

Lesson 2: Ad-hoc data loading using flat file import

Lesson Objectives

After completing this lesson, you will be able to:

- Import data to SAP HANA from a flat file

Lesson 3: Accessing Remote Data with Smart Data Access

Lesson Objectives

After completing this lesson, you will be able to:

- Explain SAP HANA Smart Data Access

Lesson 4: Implementing Data Replication

Lesson Objectives

After completing this lesson, you will be able to:

- Describe SAP HANA real time replication technologies

Lesson 5: Describing SAP HANA Enterprise Information Management

Lesson Objectives

After completing this lesson, you will be able to:

- Describe SDI and SDQ capabilities

Lesson 6: Processing Event Streams in Real Time

Lesson Objectives

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After completing this lesson, you will be able to:

- Explain SAP HANA Smart Data Streaming

Lesson 7: Other Data Provisioning Methods

Lesson Objectives

After completing this lesson, you will be able to:

- Understand where Data Services and DXC can be used

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UNIT 5 Running applications on SAP HANA

Lesson 1: Running Applications on SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the types of application you can run on SAP HANA

Lesson 2: Connecting SAP Business Intelligence Tools to SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how SAP Business Intelligence (BI) tools consume data from SAP HANA

Lesson 3: Using SAP Business Warehouse with SAP HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Understand how SAP Business Warehouse (BW) leverages SAP HANA

Lesson 4: Building SAP HANA applications using XS

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the basics of XS applications

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UNIT 6 Continuing your learning journey

Lesson 1: How to develop your SAP HANA knowledge

Lesson Objectives

After completing this lesson, you will be able to:

- Understand how to develop your SAP HANA knowledge further

Lesson 2: SAP HANA Interactive Education (SHINE)

Lesson Objectives

After completing this lesson, you will be able to:

- Explain what is SHINE

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