

SAP ABAP ON HANA



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Course Syllabus

Unit 1: Introduction

1. SAP HANA Basics and Technical Concepts
2. Introducing the SAP HANA Studio
3. ABAP and SAP HANA
4. Introducing the ABAP Development Tools (ADT)

Unit 2: Database Independent Code-to-Data

1. Classical Open SQL and Its Limitations
2. New Open SQL
3. Core Data Services in ABAP
4. Associations in Core Data Services
5. Core Data Services with Input Parameters
6. Incorporating Authorization Checks with CDS

Unit 3: SQL and SQL Script Basics for SAP HANA

1. Reading data from a table or view
2. Calculated Columns and Functions
3. Duplicate Elimination
4. Sorting and limiting result sets
5. The WHERE clause
6. Aggregating and grouping data
7. SQL Script basics

Unit 4: SAP HANA specific Code-to-Data

1. ABAP Database Connectivity (ADBC)
2. Native SQL Syntax
3. ABAP-Managed Database Procedures
4. Debugging ABAP-Managed Database Procedures
5. Core Data Services with Table Function

Unit 5: SAP HANA Proxy Objects

1. Creating and using External Views
2. Database Procedure Proxies
3. HANA Transport Container

Unit 6: Advanced Topics

1. Using SAP HANA Full-Text Search in ABAP
2. Enabling input fields for type-ahead search
3. SAP List Viewer (ALV) for SAP HANA