

# ABAP PROGRAMMING FOR SAP HANA

- Introduction
  - Understanding SAP HANA and how it impacts the ABAP development paradigm
  - Introduction to ABAP Development Tools (also known as ABAP in Eclipse)
- Taking ABAP to SAP HANA
  - Accessing SAP HANA as a Secondary Database
  - Tools to detect potential functional and performance issues when migrating to SAP HANA: Code Inspector and ABAP Test Cockpit, ABAP Trace and ABAP Profiler, SQL Trace
  - Tools to prioritize performance issues: SQL Monitor, SQL Performance Tuning Worklist
  - Performance Rules and Guidelines for ABAP in the context of SAP HANA
- Database Independent Code-to-Data
  - Enhanced Open SQL
  - Defining advanced views using Core Data Services (CDS) and CDS Associations in ABAP
  - Incorporating Authorization Checks with CDS in ABAP
- SAP HANA specific Code-to-Data
  - Using native SQL and ABAP Data Base Connectivity (ADBC)
  - Creating, using and debugging ABAP Managed Database Procedures
- Consuming SAP HANA Objects in ABAP
  - Consuming SAP HANA objects in ABAP using native SQL and ADBC
  - Creating and using External Views
  - Database Procedure Proxies
- Advanced Topics
  - ABAP Transport of SAP HANA Objects (HTC and HTA)
  - Using SAP HANA Full Text Search in ABAP
  - Enabling input fields for type-ahead search
  - SAP List Viewer (ALV) optimized for SAP HANA