

# **ABAP® Programming for SAP HANA®**

## **Content**

- **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
- Using SAP HANA information models in ABAP

- **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