

SAP HANA

Course Outline

- **Getting Started**
 - Fast and effective walk through HDBSQL and SQLScript and its special functionalities
 - Understanding SAP HANA extended application services and HDI to support SAP HANA development in SQL
 - Learn to work with Web IDE for SAP HANA
 - Quickly finding the right way to SQL solutions
- **SQL Essentials**
- **SQL Logic Containers**
 - Creating user-defined functions
 - Creating database procedures
 - Trapping errors in SQLScript
 - User defined libraries, functions and stored procedures
- **Declarative Logic**
 - Using declarative logic
- **Imperative Logic**
 - Using imperative logic if needed
 - How to implement transactional save points
- **Working with temporal tables**
 - OLAP operations
- **Using OLAP analytic features**
- **Working with hierarchies**
- **Troubleshooting and best practices**
 - Tools for troubleshooting and creating professional performance tuning
 - Best practices and how to reduce code volume while leveraging smart SAP HANA functionalities
- **Appendix: Starting from the beginning with SQL fundamentals**