Qlik Sense Developer

Duration: 2 Days

Description

Qlik Sense is a popular business intelligence platform used for data analysis and visualization. In order to use Qlik Sense effectively, it is important for users to understand and use the capabilities of the platform.

In this 2-day Qlik Sense Developer training, participants will gain in-depth knowledge and skills in application and data modeling on the Qlik Sense platform. Designed for developers who want to better understand and use the Qlik Sense platform, this course is supported by practical application examples, in-depth examples and real-world scenarios.

Outline

Module 1: Introduction to Qlik Sense Development

- Overview of Qlik Sense platform and architecture
- Understanding the role of a Qlik Sense developer
- Introduction to Qlik Sense development tools and environments

Module 2: Data Modeling in Qlik Sense

- Understanding the Qlik Sense data model
- Loading data from various sources
- Transforming and cleansing data during the load process
- Creating and managing data connections

Module 3: Scripting and Data Transformation

- Introduction to Qlik Sense scripting language
- Loading data using script editor
- Transforming and manipulating data using script functions and expressions
- Handling complex data transformations and advanced scripting techniques

Module 4: Building Visualizations and Dashboards

- Creating and configuring charts, graphs, and tables
- Utilizing dimensions, measures, and expressions
- Implementing advanced visualizations and customizing their properties

- Designing interactive and user-friendly dashboards

Module 5: Advanced Data Modeling and Optimization

- Designing efficient data models
- Implementing data model optimization techniques
- Working with complex data relationships and concatenation
- Implementing advanced data modeling concepts such as mapping tables and interval matching

Module 6: Advanced Scripting and Data Integration

- Advanced scripting techniques including variables, loops, and conditions
- Performing advanced data transformations using scripting functions
- Integrating external data sources and APIs
- Managing incremental data loads and data archiving

Module 7: Advanced Expressions and Calculations

- Understanding advanced expressions and set analysis
- Implementing complex calculations and aggregations
- Utilizing advanced functions and operators
- Implementing advanced conditional expressions

Module 8: Collaboration and Data Governance

- Collaborating with other developers using shared projects and repositories
- Version control and managing script changes
- Implementing data governance and security measures
- Data storytelling and creating data narratives

Module 9: Extension Objects and Mashups

- Introduction to Qlik Sense extensions
- Creating and customizing extension objects
- Integrating Qlik Sense with external web applications through mashups
- Developing custom visualizations and user interfaces using extensions

Module 10: Performance Optimization and Troubleshooting

- Techniques for optimizing Qlik Sense application performance
- Identifying and resolving performance bottlenecks
- Troubleshooting common development and data issues

Prerequisites

attend the course " Qlik Sense End User"