Advanced Topics in Design and Development

Course Overview:

Are you ready to take your skills to the next level? Advanced Topics in Design and Development is a specialized course that discusses advanced technical concepts including: applying expressions and functions, writing data load script, and data modeling strategies. It provides hands-on examples and demonstrates how these concepts can be applied to various business cases.

Prerequisites:

- Fundamental knowledge of the Qlik products (QlikView or Qlik Sense) and their related concepts.
- Basic understanding of the Qlik script, Qlik expressions, and functions.
- It is recommended that the students have also attended the business analyst and/or data architect core courses.
- Proficient with building applications, creating dashboards, and performing basic ETL transformations using the data load script
- At least six months experience working with Qlik as a business analyst or data architect

Audience:

Business Analysts; Data Architects

Course Duration:

2 days

Course Outline

- Advanced set analysis
- Comparative analysis
- Advanced calculations
- Advanced transformations in script
- Incremental loads and QlikView Data
- (QVD) files
- Debugging and troubleshooting

Skills Learned

- Implement front-end solutions with advanced Qlik expressions and calculations.
- Perform advanced set analysis operations, using advanced search expressions and element functions.
- Perform comparative analysis using alternate states.
- Use advanced Qlik functions and visualizations to perform Pareto (ABC), Basket, and Monte Carlo analyses.
- Explain inter-record functions and manual accumulations.
- Apply clustering and classification techniques to perform sales analysis Use advanced Qlik scripting techniques to resolve data load issues.
- Use loops and nested loops to load and analyze multiple files.
- Apply multiple Load prefixes in various analysis case examples.
- Transform the data model by applying subroutines to allow script reusability.

- Create multiple QlikViewData(QVD) file layers.
- Optimize the data load process by applying incremental loads.
- Explain and apply debug processes.
- Use system error variables for debugging purposes.
- Discuss advanced technical concepts and solutions in real life scenarios.