

QLIKVIEW COURSE CONTENT

❖ **QLIKVIEW ENVIRONMENT:**

- QlikView Desktop

❖ **INTRODUCTION TO DATA AND SCRIPTING:**

- Relational Databases
- Other Data Structures
- Comparing Database Structures to QlikView Data Structures
- Data Structures in QlikView
- Data Source Files
- The QVD Primary Data Source
- Secondary Data Files
- Introduction to Scripting

❖ **BASIC SCRIPT SYNTAX:**

- Syntax

❖ **LOADING DATA FROM THE DATABASE:**

- Script Generation
- Comments in the Script
- Script Debugging

❖ **STRUCTURING THE SCRIPT:**

- Creating Tabs in the Script

❖ **BASIC DATA MODEL AND TABLE VIEWER:**

- The Table Viewer
- The System Table
- Document Properties: Tables page

❖ **BASIC DATA TRANSFORMATION:**

- Load Statement
- Renaming a Field
- Script Expressions
- Loading an XML File
- Renaming Fields Using the Qualify Statement
- Key Fields
- Example Predicament
- How Does this Affect You?
- Loading a Field into a Table Multiple Times
- Using a Record Counter on Key Fields

❖ **GENERATING DATA IN THE QLIKVIEW SCRIPT:**

- Resident Load
- Using Orders to determine Sales Person.
- Include
- Time Functions: Creating a Calendar
- Getting the Highest and Lowest Date from the Orders Table
- Autogenerate tables
- Creating Variables in the Script

- The Master Calendar

❖ **SCRIPTING CONSIDERATIONS:**

- Synthetic Key Tables
- Circular References
- Causes of Circular References
- Check the Numbers

❖ **QLIKVIEW DATA (QVD) FILES:**

- QVD File Format
- Use of QVD Files
- Creating QVD Files
- Manual Creation of a QVD File in the Script
- Automatic Creation of a QVD File in the Script
- QVD File Script Functions

REPORTING BUGS IN QLIKVIEW

❖ **ADDITIONAL INFORMATION:**

- Reference Materials
- Data types in QlikView

❖ **APPENDIX: LAYOUT BASICS FOR DEVELOPERS:**

- User Friendly Design
- Natural Human Behavior
- Chart and Object Choices in QlikView
- Import/Export Sheet and Document Layouts
- APPENDIX: The Completed Script
- QLIKVIEW_Developer

❖ **DEVELOPER TOOLS:**

- Troubleshooting
- The Debugger

❖ **MAPPING TABLES:**

- Mapping Quarters to the Orders table
- MonthYear
- Cleaning up the table structure

❖ **LOADING BUDGET DATA:**

- Reading Cross Tables

❖ **ADVANCED SCRIPTING:**

- Condition on a field in a table
- Aggregating Data
- Joining tables
- Concatenation
- Preceding Load on Preceding Load

❖ **ADVANCED CALCULATIONS IN SHEET OBJECTS:**

- Set Analysis

- Dollar-Sign Expansion
- AGGR Function

❖ **SCRIPTING AND DATA MODELING CHALLENGES:**

- Link Tables and Concatenated Tables
- Calculating net change within a field
- Functions InDate, Data & DateIslands
- Aggr()
- Class()
- Dynamic Aggregation
- IntervalMatch

❖ **DATA MODEL OPTIMIZATION:**

- Performance Tuning
- Best Practices for QlikView File Optimization
- Creating Incremental Loads

❖ **QLIKVIEW SECURITY:**

- Access control
- Access levels
- Access control database
- Inherited access restrictions
- Hidden script
- Adding Section Access
- Access control for certain commands
- Further access control
- Unattended Command Line Reload Considerations
- Access restrictions on selected field values
- Field value limitation in Section Access

❖ **ADVANCED DATABASE CONNECTIVITY:**

- Custom Data
- SAP Connector

QLIKVIEW SERVER & PUBLISHER

❖ **QLIKVIEW DEPLOYMENT CONFIGURATIONS:**

- Company Requirements
- User Requirements
- What configuration to choose?
- QlikView Standalone
- QlikView Server
- QlikView Server & Publisher

❖ **LICENSES AND SERVER TYPES:**

- License Overview
- Server
- Client Access Licenses
- Publisher
- Local Clients

❖ **INTERACTION OF SERVER AND PUBLISHER COMPONENTS:**

- Workflow and architecture of Document Management & Display
- Document Levels: Script, Data & Layout
- Overall Architecture QlikView 10, technical point of view
- Functional overview of main components
- Deployment of application in QEMC

❖ **TROUBLESHOOTING:**

- AccessPoint does not work
- The QlikView Web Server service can't be started
- AccessPoint displays no content
- Details can't be displayed in the QEMC or QMC
- The QEMC or QMC don't work at all

