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Qlik View Training Curriculum Online by Certified Consultant

Module 1: Introduction to Business Intelligence

- Introduction to Business Intelligence (BI)
- What is QlikView?
- Evolution of QlikView
- QlikView vs Traditional BI Tools
- QlikView Architecture
- QlikView Components
- QlikView Editions
- QlikView Use Cases
- Associative Data Model
- In-Memory Analytics
- QlikView Product Overview

Module 2: QlikView Installation & Environment Setup

- System Requirements
- Installing QlikView Desktop
- QlikView Personal Edition
- Installing QlikView Server
- Installing QlikView Publisher
- Licensing
- Folder Structure
- Development Environment Setup

Module 3: QlikView Fundamentals

- QlikView Interface
- Document Properties
- Sheet Properties
- Object Properties
- Variables
- Expressions



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- Functions
- Set Analysis Overview
- Selections
- Bookmarks
- Alternate States

Module 4: Data Sources

- Microsoft Excel
- CSV Files
- Text Files
- XML Files
- JSON Files
- SQL Server
- Oracle Database
- MySQL
- PostgreSQL
- ODBC Connections
- OLE DB Connections
- Web Files
- REST API (Overview)
- SAP Data Sources (Overview)

Module 5: Data Load Editor & Scripting

- Script Editor
- Script Syntax
- Load Statements
- Resident Load
- Preceding Load
- Inline Load
- Binary Load
- Incremental Load
- Variables
- Control Statements
- Loops
- Conditional Logic
- Includes
- Script Debugger
- Error Handling



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Module 6: Data Modeling

- Associative Model
- Keys
- Synthetic Keys
- Circular References
- Concatenation
- Joins
- Keep Statements
- Mapping Tables
- Link Tables
- Star Schema
- Snowflake Schema
- Fact Tables
- Dimension Tables
- Canonical Calendar

Module 7: Data Transformation

- Data Cleansing
- Field Renaming
- Field Formatting
- Date Functions
- String Functions
- Numeric Functions
- Mapping Functions
- Lookup Functions
- Crosstable
- Generic Load
- IntervalMatch
- ApplyMap()

Module 8: QlikView Charts

- List Box
- Multi Box
- Table Box
- Straight Table
- Pivot Table
- Bar Chart



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- Line Chart
- Combo Chart
- Pie Chart
- Scatter Chart
- Gauge Chart
- Radar Chart
- Funnel Chart
- Grid Chart
- Mekko Chart
- Block Chart

Module 9: Expressions & Functions

- Aggregation Functions
- Conditional Functions
- Date Functions
- String Functions
- Numeric Functions
- Financial Functions
- Statistical Functions
- Logical Functions
- Inter Record Functions
- Nested Functions

Module 10: Set Analysis

- Introduction to Set Analysis
- Basic Set Expressions
- Advanced Set Expressions
- Set Modifiers
- Set Operators
- Alternate States
- Comparative Analysis
- Time Intelligence
- KPI Calculations

Module 11: Variables

- Variable Creation
- Variable Input



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- Dollar Sign Expansion
- Dynamic Variables
- Variable Overview
- Parameterized Expressions

Module 12: Dashboard Development

- Dashboard Design Principles
- Layout Design
- Themes
- Navigation
- KPI Design
- Interactive Filters
- Drill-Down Groups
- Cyclic Groups
- Dynamic Charts
- Responsive Dashboards

Module 13: Reporting

- Report Design
- NPrinting Overview
- Report Generation
- PDF Reports
- Excel Reports
- Scheduled Reports
- Email Distribution
- Export Options

Module 14: QlikView Server Administration

- QlikView Server Architecture
- QlikView Management Console (QMC)
- User Management
- Document Management
- Reload Tasks
- Publisher
- Distribution Services
- Monitoring
- Logs



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- Backup & Restore

Module 15: Security

- Section Access
- Data Reduction
- User Authentication
- Authorization
- Active Directory Integration
- Document Security
- Folder Security
- Row-Level Security

Module 16: Performance Optimization

- Optimized Load
- Incremental Load
- QVD Files
- Script Optimization
- Expression Optimization
- Chart Optimization
- Memory Optimization
- Document Analyzer
- Best Practices

Module 17: QVD Management

- What is QVD?
- Creating QVD Files
- Reading QVD Files
- Optimized QVD Load
- Incremental QVD Strategy
- Layered Architecture
- Data Warehouse Integration

Module 18: Advanced Scripting

- Nested Loads

- Exists()
- Peek()
- Previous()
- RecNo()
- RowNo()
- AutoGenerate
- While Loop
- For Loop
- Subroutines

Module 19: Data Warehousing Concepts

- ETL Process
- Data Warehouse
- Data Mart
- Star Schema
- Snowflake Schema
- Slowly Changing Dimensions (SCD)
- Fact & Dimension Design

Module 20: SQL for QlikView Developers

- SQL Basics
- SELECT Statement
- WHERE Clause
- GROUP BY
- ORDER BY
- JOIN Operations
- UNION
- Views
- Stored Procedures
- Performance Optimization

Module 21: Integration

- Excel Integration
- SAP Integration (Overview)
- Oracle Integration
- SQL Server Integration
- REST API Integration (Overview)



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- ODBC Configuration

Module 22: Scheduling & Automation

- Reload Schedule
- Task Chaining
- Publisher Tasks
- Email Distribution
- Windows Task Scheduler
- Automation Best Practices

Module 23: Troubleshooting

- Script Errors
- Reload Failures
- Missing Data
- Synthetic Keys
- Circular References
- Performance Issues
- Memory Issues
- Security Issues
- Log Analysis

Module 24: Best Practices

- Naming Standards
- Folder Structure
- Script Documentation
- Reusable Components
- Version Control
- Dashboard Standards
- Performance Guidelines