

QlikView® Technical Library eLearning

Description

The QlikView Technical Library contains a comprehensive set of 50 training modules, each five to 10 minutes long, which will equip your technical team to build and deploy QlikView apps. Each module covers a specific topic related to creating QlikView apps, ranging from introductory concepts to advanced topics.

This comprehensive library will become an indispensable resource for your QlikView team, allowing designers, developers and even business users to expand their QlikView knowledge at their own pace, and learn new topics as needed. Ultimately this will help your organization achieve the full potential of Business Discovery.

The QlikView Technical Library modules span the following topics and much more:

- Creating sheets and sheet objects, including list boxes, tables, gauges, and charts
- Using special objects, including current selections, search and statistics
- Advanced layout using containers, fast change, multi boxes and minimized charts
- QlikView expressions, variables and dimensions
- Sheet design with text, lines and buttons
- Adding comments, tags and metadata to apps
- QlikView data structure, and working with the script editor and the debugger
- Loading data from ODBC, OLEDB and other data sources
- Advanced data integration: joining tables, table concatenation, cross table loads
- Avoiding synthetic keys and circular references
- Understanding and using QlikView Data Files (QVDs)
- Security and session access

Audience

- Business analysts
- Data architects
- System administrators

Class Type

On-demand / eLearning

Duration

5-10 minutes per module
Over 50 modules

Access

The modules are accessed online and can be viewed on a computer, tablet or mobile device.

Cost

Varying user packages
available for purchase

Purchase

Contact your [local training manager](#) to purchase

Try a free sample

Course Prerequisites

None

List of Library Modules

1. Basic Data Model, Script Editor and Table Viewer
2. Connecting to ODBC or OLEDB Data Sources
3. Creating Links and Removing Unwanted Links
4. Expressions and Dimensions
5. Loading Data from Other Data Sources
6. Sheets and Sheet Objects
7. The Current Selections, Search and Statistics Objects
8. The List Box
9. The Table Box
10. Working with Variables
11. Circular References
12. Bar Charts
13. Text, Line, Button and Action Objects
14. The Multi Box
15. Pie, Block and Funnel Charts
16. Line Charts and Combo Charts
17. Table Concatenation
18. Synthetic Keys and Synthetic Tables
19. Link Tables
20. Mini Charts
21. Joining Tables
22. ApplyMap Method
23. Straight and Pivot Tables
24. Security Overview
25. Section Access – Basic Security
26. Working with QVD files
27. Dynamic Text
28. Gauges
29. Crosstable
30. Section Access – Data Reduction
31. Trellis Charts
32. Scatter Charts
33. Mekko Charts
34. Creating and sharing server objects
35. Managing server objects
36. Salesforce Connector
37. Comparative Analysis
38. Basic Document Authorization on QlikView Server
39. Calculated Dimensions
40. Section Access OMIT
41. AGGR Function
42. Introduction to Set Analysis
43. Basic Set Analysis Syntax
44. More Set Analysis Syntax
45. Date and Time
46. Hierarchy Prefixes
47. IntervalMatch
48. Direct Discovery
49. Web Tickets
50. Header Authentication

List of additional resources

1. QlikView Connector for Use with SAP NetWeaver
2. Complimentary Training

For more information, see last page of this document.

Details about individual modules begins on the next page

Library modules and learning objectives

By the end of the video, you will be able to accomplish the following bullet points for each module

Basic Data Model, Script Editor and Table Viewer

- Understand the data structure of QlikView
- Work with the QlikView script editor
- Use the table viewer to analyze and understand the internal structure of a QlikView document

The Current Selections, Search and Statistics Objects

- Use and create a current selections object
- Use and create a search object
- Use and create a statistics object

Connecting to ODBC or OLEDB Data Sources

- Understand the difference between connect, select, and load
- Choose ODBC or OLEDB
- Create a working connect statement
- Select data to load from a data source

The List Box

- Use the versatility of the list box
- Ask and answer business questions using a list box

Creating Links and Removing Unwanted Links

- Recognize a synthetic key
- Recognize circular references
- Use methods to avoid synthetic keys and circular references

Working with Variables

- Explain what a variable is
- Explain how variables can be used and why they can be useful
- Create, call, and use variables in the front end and in the load script

Expressions and Dimensions

- Tag fields as dimensions or measures
- Recognize difference between dimensions and expressions

The Table Box

- Use table boxes
- Print from a table box

Loading Data from Other Data Sources

- Use the file wizard to load data into QlikView
- Rename fields in QlikView
- Add an XML file

Circular References

- Explain what a circular reference is.
- Explain why circular references have to be removed from a QlikView data model
- Resolve (simple) circular reference issues

Sheets and Sheet Objects

- Create, name, move, and delete a sheet
- Place objects on a sheet
- Copy and link objects among sheets
- Manage object options (print, export, search)

Bar Charts

- Recognize a bar chart
- Identify the uses of a bar chart
- Review bar chart properties

Text, Line, Button and Action Objects

- Recognize how text, lines, buttons, and actions can be used in QlikView
- Create text, lines, buttons, and actions

Joining Tables

- Explain what joining of tables means and the different types
- Execute the different forms of joining in QlikView
- Explain the ApplyMap() and concatenate joining operations
- Explain the performance considerations to take into account when using joins

Line Charts and Combo Charts

- Identify when to use a line chart
- Identify when to use a combo chart
- Create a line chart
- Create a combo chart

Table Concatenation

- Explain what a table concatenation is
- Identify when to use concatenation
- Recognize different kinds of concatenation

Synthetic Keys and Synthetic Tables

- Explain what synthetic keys and synthetic tables are
- Identify what issues synthetic keys and synthetic tables can create
- Remove synthetic keys and synthetic tables

Link Tables

- Explain what a link table is
- Explain when and why a link table can be used in a QlikView data model
- Create a link table

The Multi Box

- Identify when to use a multi box
- Create a multi box

ApplyMap Method

- Explain the ApplyMap() method
- Explain why and when the ApplyMap() method can be useful
- Differences between mapping and joining
- Describe how using the ApplyMap() method can improve the QlikView application data model

Straight and Pivot Tables

- Identify the difference between straight and pivot tables
- Navigate within a pivot table

Security Overview

- Understand and explain the general security concepts related to an IT system
- Understand and explain how these security concepts are applied to the QlikView architecture

Section Access - Basic Security

- Understand and explain the position of Section Access within the security strategy
- Understanding what Section Access is and how it works
- Explain the differences between Section Access and Section Application
- Applying Section Access in a QlikView document

Dynamic Text

- Identify when and where to use dynamic text
- Explain the basic syntax for dynamic text
- Create dynamic text objects, labels and titles

Mini Charts

- Explain what mini charts are
- Explain how mini charts can add value to QlikView applications
- Create mini charts within objects
- Explain the performance considerations to take into account when using mini charts

Pie, Block and Funnel Charts

- Identify when to use a pie chart
- Identify when to use a block chart
- Identify when to use a funnel chart

Gauges

- Explain when to use a gauge
- Identify gauge types
- Create and configure a circular gauge
- Identify fundamental design best practices for gauges

Crosstable

- What is the Crosstable function
- How to use the Crosstable function
- Considerations when working with Crosstable

Section Access – Data Reduction

- Understand what Data Reduction on opening means
- Apply Section Access with Data Reduction

Mekko chart

- Identify when and where to use a mekko chart
- Create a mekko chart with two dimensions and one expression (normalized)
- Create a mekko chart with two expressions and one dimension (non-normalized)

Date and Time

- Use the common Date and Time functions when loading data from data sources
- Transform data when creating the data model

Working with QVD files

- Understand and explain a QVD file
- Create a load QVD files into QlikView
- Explain how QVD files can improve a QlikView deployment
- Explain why QVD files are needed for efficient incremental loads

Scatter chart

- Identify when to use a scatter chart
- Create a scatter chart

Comparative Analysis

- Identify when and where to use Comparative Analysis
- Explain how to create Alternates States
- Understand how selections and charts interact with Alternate States

Basic Document Authorization on QlikView Server

- Explain what server authorization modes exist
- Explain how NTFS works
- Explain how DMS works

Trellis charts

- Identify when and where to use trellis charts
- Create a trellis chart
- Understand the impact of dimension order and dimension values sort order

Calculated Dimensions

- Explain how to use Calculated Dimensions
- Identify when and where to use Calculated Dimensions
- Create different types of expressions
- Understand the considerations for use

Section Access OMIT

- Explain how OMIT works
- Use OMIT within a Section Access script section

Creating and sharing server objects

- Explain what prerequisites exist for creating server objects
- Configure a QlikView document and QlikView Server to support the creation of server objects
- Create server objects
- Use the repository
- Share objects with other users

Managing server objects

- Take ownership of a server object
- Manage sharing permissions of server objects
- Modify server objects
- Embed server objects within a source document
- Remove server objects from the QlikView Server

Salesforce Connector

- Download and install the QlikView Salesforce Connector
- Configure the connector and connect to Salesforce
- Extract data from Salesforce
- Explain what considerations have to be made when working with the connector

Direct Discovery

- Create Direct Discovery queries in your load script to create a hybrid solution of in memory and real time SQL querying to provide data
- Understand the considerations when implementing Direct Discovery

Introduction to Set Analysis

- Explain use cases for Set Analysis

More Set Analysis Syntax

- Use advanced Set Analysis syntax

AGGR Function

- Explain what the AGGR function does
- Know when and where AGGR can be used
- Create Expressions and Calculated Dimensions with AGGR

Web Tickets

- Know what Web Tickets are and how they can be used
- Know how to configure IIS and QlikView to use Web Tickets
- Understand considerations when implementing Web Tickets

Header Authentication

- Understand what Header Authentication is and how it can be used
- Know how to configure Header Authentication
- Understand considerations when implementing Header Authentication

IntervalMatch

- Use the IntervalMatch prefix, for table matching discrete numeric values to one or more numeric intervals, when loading data into QlikView

Hierarchy Preferences

- Understand when and where to use the the Hierachy() and HierarchyBelongsTo() prefixes

Basic Set Analysis Syntax

- Use basic Set Analysis syntax

Additional resources in library

The QlikView Technical Library provides access to additional eLearning training, also for hosting in your learning management system or playing directly on a computer, tablet, or mobile device.

1. QlikView Connector for Use with SAP NetWeaver

This 60-minute course teaches SAP administrators, ETL specialists, and QlikView consultants how to use the QlikView SAP connector in QlikView to extract data from an SAP environment. The SAP connector makes it possible to reduce script building by generating script based on an SAP system.

Learning Objectives

By the end of this course, you will be able to:

- Describe how to install the SAP connector
- Know which SAP connector to use in which circumstance
- Extract data from SAP using the SAP connector

2. Complimentary Training

These free OnDemand courses for business users and technical users introduce the foundational concepts of QlikView, including:

- **How Does QlikView Work:** 30-minute course recommended for all QlikView users, introducing the core concepts of QlikView
- **Build Your First QlikView:** 60-minute course introducing users to the key steps involved in building a QlikView app
- **System Management Overview:** 20-minute course providing system administrators with an introduction to the QlikView Server and its role in QlikView deployments
- **What's New in QlikView 11:** 45-minute course presenting the new features, functions and capabilities of QlikView 11
- **QlikView in the Enterprise:** 45-minute course covers considerations for an IT department to implement QlikView as a self-service business discovery platform - both from an infrastructure and process point of view.