

QlikView® Technical Library

Description

QlikView® Technical Library is a for-fee offering. It contains a comprehensive set of 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. New content is added to the library on a quarterly basis.

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 section access

Who Should Subscribe?

- Business Analysts
- Project Managers
- QlikView Business Users
- QlikView Designers
- QlikView Developers

Class Type

OnDemand/eLearning

Duration

5-10 minutes per module

Access (for-fee)

The modules can be played on a computer, tablet or mobile device. In addition, these modules can be hosted in your company's LMS system.

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 – **New!**
39. Calculated Dimensions -- **New!**
40. Section Access OMIT -- **New!**
41. AGGR Function -- **New!**

Detail about individual modules begins on the next page.

List of additional resources

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

For more information, see last page of this document.

Library Modules: Learning Objectives

Basic Data Model, Script Editor and Table Viewer

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

- 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

Connecting to ODBC or OLEDB Data Sources

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

- 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

Creating Links and Removing Unwanted Links

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

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

Expressions and Dimensions

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

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

Loading Data from Other Data Sources

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

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

Sheets and Sheet Objects

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

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

The Current Selections, Search and Statistics Objects

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

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

The List Box

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

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

The Table Box

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

- Use table boxes
- Print from a table box

Working with Variables

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

- 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

Circular References

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

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

Bar Charts

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

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

Text, Line, Button and Action Objects

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

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

The Multi Box

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

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

Pie, Block and Funnel Charts

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

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

Line Charts and Combo Charts

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

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

Table Concatenation

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

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

Synthetic Keys and Synthetic Tables

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

- 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

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

- 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

Mini Charts

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

- 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

Joining Tables

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

- Explain what joining of tables means
- Explain the differences between the types of joining
- 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

ApplyMap Method

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

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

Straight and Pivot Tables

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

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

Security Overview

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

- 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

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

- 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

Working with QVD files

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

- 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

Dynamic Text

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

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

Gauges

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

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

Crosstable

By the end of this module, you will understand:

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

Section Access – Data Reduction

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

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

Trellis charts

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

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

Scatter chart

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

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

Mekko chart

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

- 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)

Creating and sharing server objects

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

- 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

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

- 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

By the end of this module, you will understand:

- 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

Comparative Analysis

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

- 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

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

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

Calculated Dimensions

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

- 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

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

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

AGGR Function

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

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

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.

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

Complimentary Training

These free, eLearning 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.