

QLIKVIEW 11.2
DESIGNER, DEVELOPER
&
SERVER
TRAINING CONTENT

INTRODUCTION

Who is QlikTech ?

What is QlikView ?

Comparing QlikView with traditional tools.

QLIKVIEW DATA STRUCTURES

Data structures in QlikView (AQL)

Sample Application walkthrough of QlikView

Objectivity of Relevant search records (Gray area & White area in Dimension)

Why it's called In-memory BI Tool

Thorough Architecture of QlikView (including Multiple Data Source & AJAX Client)

LOADING DATA INTO QLIKVIEW

Script editing

Edit Script Toolbar

Edit Script Menu Commands

Statements Area

Edit Script Tool Pane

Syntax

Renaming a Field

DATA SOURCE FILES

The QWT primary data source

The QWT secondary data files

CREATING THE SCRIPT

Script generation

Creating a connection to the database

Reading tables into QlikView

EXERCISES

Script Debugging

STRUCTURING THE SCRIPT

Creating tabs in the script

DATA STRUCTURE OF THE LOADED DATA

The Table Viewer

System fields

The system tab

The system table
Document Properties: Tables page

SCRIPTING CONSIDERATIONS

Adding Text Data
Loading an XML file
Reading the Shipments table
Synthetic key tables
Circular references
Causes of circular references
Renaming fields using the Qualify statement

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

USING QLIKVIEW PERSONAL EDITION

Starting QlikView
Basic Layout and Navigation

EXERCISES

Data Loading & Data Model

THE SETTINGS MENU

User Preferences
Document Properties
Sheet Properties
Inherited settings

SHEETS AND SHEET OBJECTS

Sheet Basics & Sheet Objects

THE LIST BOX

Introduction
Creating a List Box
List Box in Action
Properties of the List Box

THE TABLE BOX

- Introduction
- Creating a Table Box
- Selections in Table Boxes
- Sorting in Table Boxes
- More Table Box formatting options
- Printing data from a table box
- Exporting data from a table box to a text file

THE MULTI BOX

- Introduction
- Selections in Multi Boxes
- Creating a Multi Box
- Resizing Multi Boxes
- Formatting Multi Boxes

THE TEXT OBJECT

- Introduction
- Creating Text Objects
- Formatting, Resizing, Copying and Moving Text Objects

CHARTS

- Chart Basics
- Creating a Chart
- Selections in Charts
- Changing the Chart Properties for Existing Charts
- Common Chart Types
- Exporting charts
- References in charts

MULTI DIMENSIONAL CHARTS, PIVOT TABLES, GAUGES

- Straight Table with Multiple Expressions
- Pivot Tables with Multiple Dimensions
- Grouped bar charts
- More about Pivot Tables and Straight Tables
- Using a Dropdown Selection List
- Using Visual Cues
- Summary – Comparing Tables
- Types of Gauges
- Building Gauges

BUTTONS

Buttons in QlikView
Creating and Formatting a Button
Shortcut Buttons
Launch/Export-Buttons
Edit Macro (on the fly Grouping/Sheet Enabled Disabled)

THE OTHER SHEET OBJECTS

The Statistics Box
The Current Selections Box
The Slider/Calendar Object
The Input Box
The Bookmark Object
The Custom Object
The Other Chart Types

ADDITIONAL EDITING IN THE LAYOUT

Title Settings
Fast Change Chart Type
Legend Settings
Reference Lines / Text in Chart
Advanced Caption Settings

OTHER USES OF EXPRESSIONS

Calculated Labels and Dynamic Text in Text Objects
Conditional Functions
Chart Attribute Expressions
Color Expressions
Calculated Fields in List Boxes
Calculated Dimensions in Charts
The Expression Overview Dialog

REPORTS AND BOOKMARKS

Introduction – Reports
QlikView Report Types
Managing Reports
Creating and editing reports
Introduction – Bookmarks

QLIKVIEW SECURITY

Access control
Access levels
Hidden script
Adding Section Access

ADVANCED SCRIPTING

Condition on a field in a table
Aggregating Data in Script (Resident Load and Group Function, Order By etc)
Joining tables (Left, Right, Inner, Outer Joins)
Concatenation
Set Analysis
Apply Map
Interval Match

SERVER INTRODUCTION

Overview
System Requirements
Installation of QlikView Server

CONFIGURING LDAP

CUSTOM USERS CREATION

SECURITY

Authorization
 NTFS authorization
 DMS authorization
Authentication

LICENSING

Client Access License CAL Types

USER DOCUMENT MAPPING

ARCHITECTURE

QlikView Server
Web Server
QlikView with Publisher
QlikView without Publisher
Qlikview Services

STUDENT BENEFITS:

PROJECT TO PRACTICE

PRACTICAL CLASSES

RESUME PREPARATION SUPPORT

INTERVIEW QUESTION & ANSWERS

Learning Objectives of this training

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

- ✓ Create a dashboard using multiple objects.
- ✓ Familiar about the various options available in front end design.
- ✓ Best practice to follow for designing dashboard.
- ✓ Create a data model in QlikView
- ✓ Build a QlikView document
- ✓ Resolve data structure issues
- ✓ Access the Debugger
- ✓ Define the advanced uses of the script editor
- ✓ Create and remove Synthetic Key
- ✓ Complete Server Setup
- ✓ Hosting Qlikview files & assign CALs (Doc-CAL mapping)
- ✓ Configuring Active Directory using LDAP with Qlikview
- ✓ Maintaining Custom Users in Qlikview

