

General Course outline

1 INTRODUCTION

- Who is QlikTech?
- What is QlikView?
- QlikView Enterprise
- Course Logistics
- Notes

2 FUNDAMENTALS OF DATA WAREHOUSING

- Data warehousing
- ETL
- Staging Area
- OLAP's

3 A SHORT INTRODUCTION TO DATA STRUCTURES

- Relational databases
- Other data structures

4 QLIKVIEW DATA STRUCTURES

- Comparing database structures to QlikView data structures
- Data structures in QlikView

5 LOADING DATA INTO QLIKVIEW

- Script editing
- Statements Area
- Edit Script Tool Pane
- Syntax
- Renaming a Field

6 THE QLIK WHOLESALE TRADE (QWT) BUSINESS INTELLIGENCE PROJECT PLAN

- Project plan review

DATA SOURCE FILES

- The QWT primary data source
- The QWT secondary data files

7 CREATING THE SCRIPT

- Script generation
- Creating a connection to the database
- Reading tables into QlikView
- Script Debugging
- Creating tabs in the script

8 DATA STRUCTURE OF THE LOADED DATA

- The Table Viewer
- System fields
- The system tab
- The system table
- Document Properties: Tables page

9 SCRIPTING CONSIDERATIONS

- Reading the Shipments table
- Synthetic key tables
- Circular references
- Causes of circular references
- Loosely Coupled Tables

10 ADDING MULTIPLE DATA SOURCES

- Text & XML Format Data
- Key Fields
- Loading a field into a table multiple times
- Using a record counter on key fields
- **Using Direct discovery**
- **Limitation of direct discovery**

11 CREATING A CALENDAR

- Getting the Highest and Lowest date from the Orders table
- Creating variables in the script
- Creating the Master Calendar

12 GENERATING DATA IN THE QLIKVIEW SCRIPT

- Resident Load
- Load Inline and Autogenerate
- Inline tables
- Autogenerate tables

13 MAPPING TABLES

- Mapping Quarters to the Orders table
- MonthYear - Rolling Month Format
- Cleaning up the table structure

14 READING BUDGET INTO QLIKVIEW

- Reading Cross Tables
- Adding an Input Field

15 ADVANCED SCRIPTING

- Condition on a field in a table
- Aggregating Data
- Joining tables
- Concatenation
- SET Analysis

16 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

17 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

18 QLIKVIEW PRODUCT RANGE

- Different Server
- CAL Licenses
- Other product range & usability

19 WHATS NEW IN QLIKVIEW v11

- Alternate State
- Associated Search Box
- Container Objects
- Actions

20 QLIKVIEW SERVER

- Installation
- Service Configuration
- LDAP / Domain Securities
- Assignment of CAL's
- Document Publication
- Distribution
- Performance Tuning & Optimization
- Service Rules & Error Mailing