

## **Data Visualization Strategy**

### **Learning Objective:**

Learn about data exploration and visualization techniques. Get introduced to QVD and see how it works.

- Data exploration, visualization, and discovery
- Data teams and roles
- Agile development
- QlikView Deployment Framework
- Loading data from different sources in QlikView.
- Introduction to QVD and how does it work?
- What is Table Viewer?

### **Hands-on:**

Load data from sources to QlikView.

## **Objects and Properties**

### **Learning Objective:**

Learn about objects and properties, chart objects and use of object container.

- Sheet object and Tab with their properties
- List Box, Multi-Box, Current Selection Box, Search Box
- Chart Objects and their properties
- Use of Object Container
- Expression writing and read about basic functions

### **Hands-on:**

Load data from different sources in Qlikview and create list box, multi-box; use object container.

## **Advanced Visualization Techniques**

### **Learning Objective:**

Learn about conditional formatting in Qlikview and various visualization techniques.

- Conditional Formatting In Qlikview

- Gauge Chart, Thermometer and Waterfall chart
- Enable dimension and expression
- Adhoc Reporting in Qlikview
- Cyclic and drill groups

**Hands-on:**

Implement conditional formatting in QlikView.

**Data Transformation**

**Learning Objective:**

Learn to transform raw data using Cross Table, Inline Table and using other operations.

- Loading Cross Table
- Loading Inline Table
- Loading data from already stored data in Qlikview (Resident Load)
- Joins, Concatenation of tables
- Use of Mapping Tables
- Synthetic Keys and ways to remove it
- Incremental Load in Qlikview
- Partial Load

**Hands-on:**

Implement various data transformation techniques using QlikView.

**Advanced Expression**

**Learning Objective:**

Learn to build expressions using variables.

- Set Analysis
- Aggregate function
- Build expression using variables (Dollar expansion)

**Hands-on:**

Implement advanced expressions using variables.

## **Security**

### **Learning Objective:**

Learn to use Hidden Script.

- Hidden Script
- Section Access

### **Hands-on:**

Setup security using hidden script and sectional access.

## **Project on Data Visualization using Qlikview**

### **Learning Objective:**

Learn data visualization and understand the applications as a Business Intelligence tool.

- Developing a project to visualize data using Qlikview

### **Hands-on:**

Develop a project using QlikView.