

# Qlik sense Data Architecture

## Introduction -

Features- Smart search, Responsive design etc,

Qlik Sense Vs QlikView

Qlik Sense Editions

Qlik Sense Architecture

Interacting with user Qlik Sense interface

Qlik associative engine

## Managing Data –

Scripting Essential

Loading data with the data load script

Data loads from various data sources

Associating Data from many tables

Inline Table and Mapping Tables

Cross Table and Concatenation of tables

Various loads - Resident, Binary, Preceding, Partial, Buffer, Mapping, Etc

Data Connections

Troubleshooting

Extract and load data using Data Load editor

3 Tier Architecture- Extract, Transform, Application

Create folder and data connections

Data model viewer

## Interpreting Visualizations –

DAR- Concept

Understand Chart types and Usages

Interact with charts

Structuring an app with Sheets

Creating apps and Visualizations

Bar, Pie, Line, Combo, Scatter Plot, Water fall, Mekko

Pivot table, Straight table

Maps, Tree Maps

Usages of different Charts

Objects and Properties Apply filter and Book marks

Working with Master Items

Extensions

### **Qlik Script Syntax and Chart Functions-**

Script statements

Keywords

Control statements

Chart and Script Functions

### **Data Transform and validation –**

Dimensions, Measures and Objects

Understanding Data profiling

Data transformation and filter

Script debugger, Script log

Functions, variables

Working with expression Editor

### **Data modelling –**

Intro about Data ware house and schemas

Creating Star and Snow flake schemas

Data loading Types

Understanding QVD layer- QVD Creation

Working on synthetic keys and circular references.

Joins, Concatenate, Link Tables, Keeps

### **Advanced Data modelling-**

Link Table and Dimension Tabel

Synthetic Keys, Circular loops and removal

Master Calendar

Incremental load

Data Model performance

Optimizing Data models

Best Practice of Data modelling

**Set Analysis -**

What is Set Analysis

Identifier

Modifiers

Operators

**Qlik Sense Security -**

Section access

Stream, Sheet, Application

Dynamic Row level Reduction

Dynamic Column level Reduction