

Data Analytics using Qlik Sense

Duration: 04 Days

Hour: 08 hour/day

Course Contents

Qlik Sense Introduction and Installation

How does Qlik Sense vary from QlikView, the need for self-service Business Intelligence/Business Analytics tools, Qlik Sense data discovery, intuitive tool for dynamic dashboards and personalized reports and the installation of Qlik Sense and Qlik Sense Desktop

Qlik Sense Features

Drag-and-drop visualization, Qlik Data indexing engine, data dimensions relationships, connect to multiple data sources, creating your own dashboards, data visualization, visual analytics and the ease of collaboration

Qlik Sense Data Model

Understand data modeling, best practices, turning data columns into rows, converting data rows into fields, hierarchical-level data loading, loading new or updated data from database, using a common field to combine data from two tables and handling data inconsistencies

Creating a Data Model

Qlik Sense data architecture, understanding QVD layer, converting QlikView files to Qlik Sense files and working on synthetic keys and circular references

Advanced Data Modeling

Qlik Sense star schema, link table, dimensions table, master calendar, QVD files and optimizing data modeling

Qlik Sense Enterprise

Qlik Sense enterprise class tools, Qlik Sense custom app, embedding visuals, rapid development, powerful open APIs, enterprise-class architecture, Big Data integration, enterprise security and elastic scaling

Qlik Sense Visualization

Learning about Qlik Sense visualization tools, charts and maps creation, rich data storytelling and sharing analysis visually with compelling visualizations

Set Analysis

Understanding set analysis in Qlik Sense, various parts of a set expression like identifiers, operators, modifiers and comparative analysis

Advanced Set Analysis

Learning about set analysis which is a way of defining a set of data values different from normal set, deploying comparison sets and point-in-time analysis

Qlik Sense Charts

Introduction to various charts in Qlik Sense like line chart, bar chart, pie chart, table chart and pivot table chart and the characteristics of various charts

Advanced Charts

Master Library

Introduction to the Qlik Sense Master Library, its benefits, distinct features and user-friendly applications

Qlik Sense Storytelling

Understanding how to do storytelling in Qlik Sense and the creation of storytelling and story playback

Mashups

Understanding mashups in Qlik Sense, creating a single graphical interface from more than one sources, deploying the mashups flowchart, testing of mashups and the various mashup scenarios like simple and normal

Extensions

Understanding the Qlik Sense Extension, working with it, various templates in Qlik Sense Extension, testing of it, making Hello World dynamic and learning how it works and adding a preview image

Security

Various security aspects of Qlik Sense, content security, security rules, various components of security rules and understanding data reductions and dynamic data reductions and the user access workflow