

Qlik Sense Data Architect

Course Duration: 32 Hours (4 days)

Course Description:

This course is a comprehensive 32-hour program designed for professionals aiming to master Qlik Sense application development. This course covers important topics such as data loading basics, data modelling, model architecting, calculations, transformations, and data associations. Participants will also learn to debug and validate data models, ensuring accuracy and efficiency. Additionally, the course covers the concepts of security and access management, teaching how to implement section access and manage user roles. With a focus on practical skills and real-world applications, this course equips learners with the expertise needed to excel as a Qlik Sense Data Architect.

Prerequisites:

Familiarity with SQL, relational databases, and Qlik's QVD architecture is also essential

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Module 1: Introduction to Qlik Sense Data Architect

- Overview of the Qlik Sense Data Architect role
- Key responsibilities and required skills
- Understanding Qlik Sense architecture and components

Module 2: Data Load Basics

- Loading Data from a Database
- Considerations when Loading Data from Excel

Module 3: Understanding the Data Modelling User Interface

- Introduction to the Data Load Editor
- Introduction to the Data Manager
- Introduction to the Data Model Viewer

Module 4: Model Architecting

- Calculations and Transformations
- Associations, Concatenations, and Joins
- Associating Tables and Transforming Data
- Reload Data for Analysis
- Creating Data During Reload
- Combining Tables
- Generating a Master Calendar

- Creating Master Items from the Data Model Viewer
- Create Master Items

Module 5: Debugging and Validating

- Resolving Data Model Issues
- Debugging the Script
- Validating the Model

Module 6: Security and Access Management

- Implementing Section Access for data security
- Managing user access and roles
- Securing data at various levels