

## **QlikView & Qlik Sense Analytics**

**Duration:** 3 Months (Mon–Fri, ~120 Hours)

**Mode:** Live Online / Classroom

**Tools & Technologies:** QlikView, Qlik Sense, SQL

### **Syllabus**

#### **Week 1**

- Introduction to QlikView & Qlik Sense
- SQL Basics: DDL, DML, SELECT, WHERE
- QlikView interface basics
- Assignment at end of week

#### **Week 2**

- SQL Aggregations: GROUP BY, HAVING
- QlikView scripting & data load editor
- Assignment at end of week

#### **Week 3**

- SQL Joins: INNER, LEFT, RIGHT, FULL
- Qlik associative model concepts
- Hands-on: Linking Sales & Customer tables
- Assignment at end of week

#### **Week 4**

- Expressions & Variables
- Set Analysis
- Assignment at end of week

#### **Week 5**

- Visualizations in QlikView – charts, pivot tables, dashboards
- Assignment at end of week

#### **Week 6**

- Qlik Sense basics – hub & apps
- Mock Interview 1: SQL + Qlik basics

**Week 7**

- Data modeling & linking multiple sources
- Qlik Data Model viewer
- Assignment at end of week

**Week 8**

- Advanced visualizations in Qlik Sense
- KPI indicators, gauges, maps
- Assignment at end of week

**Week 9**

- Qlik Sense extensions, mashups, APIs
- Assignment at end of week

**Week 10**

- Performance optimization in Qlik
- Assignment at end of week

**Week 11**

- SQL + Qlik project development
- Assignment at end of week

**Week 12**

- Capstone Project
- Mock Interview 2: SQL + Qlik end-to-end
- Final project presentation

**Learning Outcomes**

- Write SQL queries till joins for analytics
- Use QlikView scripting and data load editor
- Understand Qlik's associative model
- Develop dashboards in QlikView and Qlik Sense
- Use advanced Qlik Sense features (extensions, APIs)
- Optimize Qlik dashboards for performance
- Deliver an end-to-end Qlik project with SQL