

**Introduction to Qlik Sense: Creating Data Visualizations**

**Course Number:** QLIK-100  
**Duration:** 2 days

**Overview**

This instructor-led Introduction to Creating Data Visualizations with Qlik Sense training class starts by teaching attendees how to load data and build a simple data model. Students then create a variety of data visualizations, including pie charts, bar charts, scatter plot charts, and more.  Attendees master a step-by-step process for producing a polished and professional-looking Qlik Sense visualization.

**Prerequisites**

Students must have familiarity with basic reporting in Excel. This course is appropriate for non-technical users.

**Materials**

All Qlik training students receive documentation for the detailed exercises they complete in the class and sample solutions.

**Software Needed on Each Student PC**

A modern browser (i.e., Chrome, Edge, Firefox) to access the environment.  Having a dual monitor is recommended but not required.

**Objectives**

* Introduce new users to Qlik Sense
* Create a simple data model by connecting to spreadsheets
* Leverage data blending tools to clean data
* Generate various visualizations, including KPIs, Charts, Filter planes, and more

**Outline**

* Introduction
* Using Qlik Sense to Analyze Data
  + The Qlik Sense platform and app
  + Basic components in visualizations
  + Selections and selection states
  + Search types and Insight Advisor
  + Stories to narrate your insights
  + Data Prep for Qlik Sense
  + Adding data
  + Managing data
  + Data review
  + Data associations
  + Visual data preparation
  + Defining the business logic
  + Reusable items and the object library
* Qlik Sense Visualizations
  + Human perception
  + Why visualizations?
  + Data classification and representation
  + Guidelines for designers
  + Qlik Sense Visualizations
  + Additional Qlik Sense objects
  + Visualizations and object properties
* Different Visualizations in Qlik Sense
  + GeoAnalytics, maps, and map properties
  + Other visualizations and extensions
  + Visual aspects: color, order, and shape
  + Dynamic calculations and conditions
  + Using variables
* Handling Data Selections
  + Controlling data selection benefits
  + Saving predefined selections
  + Defining alternate selection state
  + Defining and working with data sets in expressions
* Using Storytelling
  + Storytelling and its benefits
  + Qlik Stories and its components
  + Prepare the app for others
  + Responsive design
  + Styling and branding an app
  + Publishing and sharing
  + Active analysis
* Conclusion