

**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