Updated on 14/02/2024

Sign up

Qlik Sense Training: Create Visualizations
2 days (14 hours)

Presentation

Qlik Sense is a comprehensive data visualization tool ideal for Business Intelligence (BI) analysts.

The tool, which has already been adopted by several thousand customers worldwide, offers numerous advantages:

- The ability to produce customized reports easily and on a large scale
- Quickly analyze complex data to solve business problems
- Load data from a wide variety of sources
- A storytelling feature to strengthen team collaboration
- A secure application based on secure libraries and governed data

Our Qlik Sense training course will introduce you to the different functionalities and architecture of the product. You'll learn how to manipulate your data and use the tool for its visualization functions.

Objectives

- Identify the benefits of Qlik and other Business Intelligence tools
- Identify different use cases
- Understanding the Qlik Sense architecture
- Building an application and using objects
- Extract, transform and load data (ETL)
- Methodically create self-service visualizations
- Acquire knowledge of data visualization and data storytelling
- Determine the best graphics for your datasets
- Sharing information through data stories
- Publish the application and collaborate

Target audience

- Data Scientists
- Developers
- Data Analysts
- Project managers
- Consultants
- Business Analysts
- Architects

PREREQUISITES

- General Excel and database skills
- Some program components require a license

Qlik Sense training program

Introduction

- The importance of Business Intelligence
- Product features
- Comparison with Power BI and Tableau
- The latest news
- Interface presentation
- The different data schemas
- The different objects

The architecture of a Qlik Sense application

- Global presentation
- The components :
  - Our customers
  - Nodes
  - The sites
  - Storage
- Qlik Sense architecture services

Managing your data

- Introducing the data manager
- Manage tables
- Load data
- Use the various connectors (Salesforce, Oracle, MySQL...)
- Transforming your data
- Creating your data model

Modeling your data

- Modeling techniques
- Using joints
- Using concatenation
- Filter your data
- Using QVDs

Data visualization

- The fundamentals of data visualization
- Dataviz use cases
- The benefits of data visualization
- Choice of graphics
- Apply storytelling to your visuals

Self-service visualization

- Standard BI tool vs. self-service BI tool
- Best practices for using self-service visualization
- Synthetic keys
- Creating the main chart types
- Creating your data story
- Solving common errors
- Practical work: Creating data visualizations from prepared data
- Publish and collaborate on Qlik Sense

Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.