

# Course : Qlik Sense Developer

Practical course - 2d - 14h00 - Ref. IKD

Price : 1320 € E.T.

★★★★☆ 4,6 / 5

Qlik Sense features powerful data manipulation, transformation and visualization functions. In this training course, you will learn how to create and develop data models (QVDs) for analysis, and how to produce advanced visualizations. Finally, you will implement data security and follow the steps involved in making relevant data available to users for analysis.

## Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Understanding the architecture of a Qlik Sense application
- ✓ Discover Qlik Sense Desktop, Qlik Sense Cloud, Qlik Sense Enterprise
- ✓ Connect to different data sources
- ✓ Handling data
- ✓ Use all the graphs offered by Qlik Sense
- ✓ Collaborate and manage data access security

## Intended audience

Business intelligence consultants, designers, developers.

## Prerequisites

Good knowledge of relational databases and SQL.

## Course schedule

### 1 Introducing Qlik Sense

- Qlik Sense at a glance.
- Qlik Sense versus QlikView.
- Architecture of a Qlik Sense application.
- User interface navigation: hub, sheet mode, story mode.
- Data manager.
- Data loading editor.
- Data model viewer.

### Hands-on work

Guided handling of an existing application: selection types, sheet navigation.  
Presentation of the different graphic objects available.

### PARTICIPANTS

Business intelligence consultants, designers, developers.

### PREREQUISITES

Good knowledge of relational databases and SQL.

### TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

### ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

## 2 Data manipulation via script

- Create a connection and add data.
- Script syntax: control instruction, prefix and variable.
- How to optimize application performance?
- Association of tables via Join and Keep statements.
- Use of MAPPING and INTERVALMATCH instructions.
- Using Qlik data files (QVD)
- Demonstration: example of a star model.

### Hands-on work

Implementing associations (Join and Keep). Use MAPPING and INTERVALMATCH. Creating and using data (QVD).

## 3 Data visualization

- Creation of visualizations and different types of use.
- Measurements and dimensions.
- Use of expressions and variables in graphics.
- Advanced use of analysis sets.
- Setting up a geographical map.

### Hands-on work

Advanced visualization creation, mapping, advanced use of "set analysis", expressions and variables.

## 4 Sharing and collaboration

- Publication of applications, sheets, stories...
- Data export.
- Security management: data reduction and restriction.
- Conclusion : rappel de tous les éléments vus pendant la formation. Rappel des bonnes pratiques.
- Summary: the pros and cons of Qlik Sense.

### Hands-on work

Sécurité : restriction des données selon l'utilisateur connecté. Mise en récit : mise en place d'un récit et publication.

### TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

### TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

### ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at [psh-accueil@orsys.fr](mailto:psh-accueil@orsys.fr) to review your request and its feasibility.

## Dates and locations

### REMOTE CLASS

2026 : 25 June, 25 June, 1 Oct., 19 Nov.

### PARIS LA DÉFENSE

2026 : 25 June, 1 Oct., 19 Nov.