

# Course : Cognos V11 Data module, model your data

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

Price : 1680 CHF E.T.

Le data module est la fonctionnalité C11 qui ancre Cognos dans l'ère de la data visualisation. C'est le module le plus récent de Cognos pour modéliser les données structurées et non structurées. Il s'adresse aux consultants business intelligence (BI), aux data scientists, mais aussi aux utilisateurs métiers.

## Teaching objectives

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

- Defining a data module in IBM Cognos Analytics 11
- Handling data in Cognos
- Exploit data in reports and dashboards

## Intended audience

Beginners, intermediates and advanced users of IBM Cognos.

## Prerequisites

Some knowledge of the tools in the IBM Cognos Analytics 11 suite.

## Practical details

### Teaching methods

Méthode pédagogique de type "magistrale" avec des travaux pratiques à l'appui, après chaque notion ou groupe de notions exposé.

## Course schedule

### 1 Data module" functions

- Data module concept.
- Differences entre data module et "Framework Manager".
- Administration.

### Hands-on work

Navigate the IBM Cognos Analytics 11 portal within folders containing data sources (package, data module, data set).

## PARTICIPANTS

Beginners, intermediates and advanced users of IBM Cognos.

## PREREQUISITES

Some knowledge of the tools in the IBM Cognos Analytics 11 suite.

## 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.

## 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.

## 2 The different data sources used by data module and their settings

- Data server (SQL/NoSQL) and data module.
- Data set, flat file, package, cube.

### Hands-on work

Create reports and dashboards with data from relational sources and data modules.

## 3 Modeling with the data module

- Modeling skills: concepts.
- Create joins.
- Link multiple data sources.
- Create simple and complex calculations.
- Create data groups.

### Hands-on work

Create a data module and implement properties (typing, joins, calculations).  
Modeling concepts.

## 4 In-memory with the data set

- Concepts.
- Compatible data sources.
- Data refresh.
- Data set functionalities.

### Hands-on work

Create reports and dashboards with data from heterogeneous sources (in-memory).

### 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.