

# Course : IBM Cognos Analytics: Author Reports Advanced

**IBM Cognos Analytics, advanced reporting**

**Practical course - 2d - 14h00 - Ref. IB5**

**Price : 2020 € E.T.**

Nouvelle édition

With this course, you'll learn advanced reporting techniques to enhance, customize, manage and distribute reports. In addition, you'll learn how to create highly interactive and engaging reports that can be run offline by creating active reports.

## **Teaching objectives**

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

- Learn more about creating and formatting reports
- Know how to take full advantage of the tool's capabilities to provide dynamic reports
- Savoir créer des rapports avancés

## **Intended audience**

Créateurs de rapports professionnels.

## **Prerequisites**

Knowledge of business requirements. Must have completed the IBM Cognos Analytics: Author Reports Fundamentals training course or have experience in creating reports with IBM Cognos Analytics.

## **Certification**

Official course without certification.

[Comment passer votre examen ?](#)

## **Practical details**

### **Teaching methods**

Animation de la formation en français. Support de cours officiel au format numérique et en anglais. Bonne compréhension de l'anglais à l'écrit.

### **PARTICIPANTS**

Créateurs de rapports professionnels.

### **PREREQUISITES**

Knowledge of business requirements. Must have completed the IBM Cognos Analytics: Author Reports Fundamentals training course or have experience in creating reports with IBM Cognos Analytics.

### **TRAINER QUALIFICATIONS**

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

## Course schedule

### 1 Creating query templates

- Create a query and connect it to a report.
- Answer a business question by referencing the data in a separate query.

### 2 Create reports based on query relations

- Create join relationships between queries
- Combine data containers according to the relationships of different queries.
- Create a report comparing the percentage of change.

### 3 Introduction to dimensional reporting concepts

- Examine data sources and model types.
- Describe the dimensional approach to queries.
- Apply report creation styles.

### 4 Introduction to dimensional data in reports

- Use members to create reports.
- Identify sets and tuples in reports.
- Use query calculations and define definitions.

### 5 Dimensional ratio context

- Examine dimensional report members.
- Examine dimensional ratio measurements.
- Use the default measure to create a summary column in a report.

### 6 Concentrate your dimensional data

- Focus your report by excluding members of a defined set.
- Compare the use of the filter() function to a detail filter.
- Filter dimensional data using slicers.

### 7 Calculations and dimensional functions

- Examine dimensional functions.
- Display totals and exclude members.
- Create a percentage of the basic calculation.

### 8 Create advanced dynamic reports

- Use query macros.
- Control report output using a query macro.
- Create a dynamic growth relationship.
- Create a report that displays summary data before detailed data, using singlenton.

### ASSESSMENT TERMS

Assessment of targeted skills prior to training.

Assessment by the participant, at the end of the training course, of the skills acquired during the training course.

Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.

At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.

An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

### TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

### TERMS AND DEADLINES

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

### ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: psh-accueil@orsys.fr so that we can assess your request and its feasibility.

## 9 Designing effective prompts

- Create a prompt for users to select conditional formatting values.
- Create a prompt offering users a choice of different filters.
- Create a prompt to allow users to choose a column sort order.
- Create a prompt to allow users to select a display type.

## 10 Review the report specification

- Examine the report specification flow.
- Identify considerations when modifying report specifications.
- Customize reporting objects.

## 11 Distribute reports

- Send a report to e-mail recipients using a data element.
- Broadcast a list report on the IBM Cognos Analytics portal using a burst broadcast table.
- Distribution of a cross-analysis report on the IBM Cognos Analytics portal using a burst table.

## 12 Improving user interaction with HTML

- Creating interactive reports using HTML
- Include additional information with tooltips.
- Send e-mails using links in a report.

## 13 Introduction to IBM Cognos Active Reports

- Examine the controls and variables of the active report.
- Create a simple active report using data-driven static controls.
- Modify filtering and selection behavior in a report.
- Create interaction between multiple controls and variables.

## 14 Active graphics and reports

- Create an active report with a deck.
- Create an active report with 11.0 visualizations.

## Dates and locations

REMOTE CLASS

2026: 16 June, 1 Dec.

PARIS LA DÉFENSE

2026: 16 June, 1 Dec.