

## IBM Cognos Analytics: Modeling with Data Modules (v11.2)

**Duration: 1 Day**    **Course Code: B6320G**    **Delivery Method: Virtual Learning**

### Overview:

This course provides a high-level overview of the IBM Cognos Analytics Data Module tool and its underlying architecture to provide learners with the skills necessary to master data modeling using the web-based, self-service capabilities of IBM Cognos Analytics Data Modules. Learners will explore the essential steps in building data modules, from understanding the purpose and workflow of data modeling to creating, refining, and optimizing data structures. The course covers various topics, including relationship joins, data enrichment with calculations and filters, creating navigation paths, and managing data security.

Learners will gain hands-on experience through exercises that enhance their ability to create and customize data modules, ensuring consistency and usability for reporting, dashboarding, and exploration purposes.

By the end of this course, learners should be proficient in developing data modules that integrate multiple data sources, support business analysis, and facilitate informed decision[1]making within the IBM Cognos environment.

### Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

### Target Audience:

This course is intended for data professionals, business analysts, and technical users who are involved in data preparation, reporting, and business intelligence within their organization.

### Objectives:

- After completing this course, learners should be able to:
- List several options for data modeling in Cognos Analytics
- Explain the data modeling workflow
- Explain how to use AI to discover related tables
- Describe relationships and relationship joins
- Create and manage custom tables
- Describe how to create calculations and filters
- Describe how to create Navigation Paths
- Explain how to relink a Data Module
- Create and use column dependencies

### Prerequisites:

Participants should have the following skills:

- An understanding of your organizations business intelligence process and reporting needs
- Experience using basic Windows functionality
- An understanding of Cognos reporting

## Content:

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|---|---|--|
| Course Introduction                       | Unit 3. Modify and Refine a Data Module                       | Unit 6. Group Data and Create Navigation Paths |
| Unit 1. Data Modeling in Cognos Analytics | Unit 4. Create Relationship Joins                             | Unit 7. Share a Data Module                    |
| Unit 2. Create a Data Module              | Unit 5. Customize Data Modules using Filters and Calculations | Unit 8. Advanced Functionality in Data Modules |

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## Further Information:

For More information, or to book your course, please call us on 0800/84.009

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[www.globalknowledge.com/en-be/](http://www.globalknowledge.com/en-be/)