IBM Cognos Analytics: Working with Data Modules, v11.1.x (B6290G)

Course ID #: 7000-705-ZZ-Z

Hours: 7

Delivery Method: Group Live or Group Internet Based

Course Content

Course Description:

In this course, you will cover how to model data using data modules in IBM Cognos Analytics. Users will learn how to create data modules from different sources, such as uploaded files. They will also identify how to customize their data modules by adding joins, calculations, and filters. In addition, they will examine how to group their data (for example, by using navigation paths), how to share their data modules with others, and how to make use of some advanced modeling techniques, such as relative date analysis.

Course Objectives:

- Upon successful completion of this course, students will be able to:
- Create a data module
- Modify and refine a data module
- Create relationship joins
- Customize data modules using filters and calculations
- Share a data module

Prerequisites:

Knowledge of your business requirements.
Previous experience building reports with IBM Cognos Analytics V11.1.x

Target Audience:

Modelers.

Topics:

Lesson 1: Data modeling in IBM Cognos Analytics
- Identify how to create and use data modules
- Explore intent-driven modeling
- Describe the data modeling user interface

Lesson 2: Create a data module
- Sources for data modules
- Create a new data module in IBM Cognos Analytics: high level steps
- Add and relink sources
- Enable data caching

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Lesson 3: Modify and refine a data module
- What happens when you create a data module?
- How can I modify and refine a data module?
- Modifying the graphic representation

Lesson 4: Create relationship joins
- What are relationships?
- Create a relationship: high-level steps
- Modify relationships
- Create new tables

Lesson 5: Customize data modules using filters and calculations
- Customizing a data module
- Creating filters
- Viewing, editing, and removing filters
- Creating calculations
- Cleaning data
- Using custom calculations

Lesson 6: Group data and create navigation paths
- Group data
- Group on a numeric column
- Group on a text column
- Create a navigation path

Lesson 7: Share a data module
- What happens when you share a data module?

Lesson 8: Advanced data modeling techniques
- Perform relative date analysis: overview
- Using the sample calendars to enable relative date analysis
- Create a data module for relative date analysis
- Customizing the reference date for relative date analysis
- Deal with multiple grains of data
- Set security in data modules

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NASBA CPE details are provided on the following pages.

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NASBA Information

Level: Intermediate
Attendance Requirement: To be awarded the full credit hours, you must sign in and attend the entire course.
Recommended Field(s) of Study: Computer Software & Applications
Recommended CPEs: 7.75 hours

Policies: Course Registration, Cancellation, Refund, and Complaint Resolution
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