

## **B6061G**

# **IBM Cognos Analytics - Author Reports with Multidimensional Data (V11.0)**

Durata: 2 gg

### **Descrizione**

This course is designed to guide report authors in building on their expertise with IBM Cognos Analytics by applying dimensional techniques to reports. Through interactive demonstrations and exercises, participants will learn how to author reports that navigate and manipulate dimensional data structures using the specific dimensional functions and features available in IBM Cognos Analytics.

Objectives: Please refer to course overview

### **A chi è rivolto?**

Report authors working with dimensional data sources.

### **Prerequisiti**

IBM Cognos Analytics: Author Reports Fundamentals (v11.0)

Knowledge of your business requirements

Knowledge of dimensional data

### **Contenuti**

#### 1. Introduction to Dimensional Concepts

Identify different data sources and models

Investigate the OLAP dimensional structure

Identify dimensional data items and expressions

Differentiate the IBM Cognos Analytics query language from SQL and MDX

Differentiate relational and dimensional report authoring styles

#### 2. Introduction to Dimensional Data in Reports

Work with members

Identify sets and tuples in IBM Cognos Analytics

#### 3. Dimensional Report Context

Understand the purpose of report context

Understand how data is affected by default and root members

#### 4. Focus Your Dimensional Data

Compare dimensional queries to relational queries

Explain the importance of filtering dimensional queries

Evaluate different filtering techniques

Filter based on dimensions and members

Filter based on measure values

Filter using a slicer

#### 5. Calculations and Dimensional Functions

Use IBM Cognos Analytics dimensional functions to create sets and tuples

Perform arithmetic operations in OLAP queries

Identify coercion errors and rules

#### 6. Functions for Navigating Dimensional Hierarchies

Navigate dimensional data using family functions

#### 7. Relative Functions

Navigate dimensional data using relative functions

Navigate dimensional data using relative time functions

#### 8. Advanced Drilling Techniques and Member Sets

Understand default drill-up and drill-down functionality

Identify cases when you need to override default drilling behavior

Configure advanced drilling behavior to support sophisticated use cases

Define member sets to support advanced drilling

Define member sets to support functions

#### 9. Set Up Drill-Through Reports

Navigate from a specific report to a target report

Drill down to greater detail and then navigate to target report

Navigate between reports created using different data sources

#### 10. End-to-End Workshop

Review concepts covered throughout the course