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