Contact:
Info@silverlake.sg
+65 - 65882456

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

Course#:B6061G
Duration:2 Days
Price:1800.00

Course Description

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.

Learning Journeys that reference this course:

IBM Cognos Analytics 11.x

Objectives

Please refer to course overview

Audience

Report authors working with dimensional data sources.

Prerequisites

IBM Cognos Analytics: Author Reports Fundamentals (v11.0)
Knowledge of your business requirements
Knowledge of dimensional data

Content

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

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