IBM Cognos Report Studio: Author Reports with Multidimensional Data (v10.2) is an advanced two-day, instructor-led course in which professional report authors build on their experience with Report Studio by applying dimensional techniques to reports. Through interactive demos and workshops, students will learn how to author reports that navigate and manipulate dimensional data structures using specific dimensional functions and features available in Report Studio.

Topics Covered
- Compare dimensional and relational data sources
- Understand dimensional concepts and reporting styles
- Create reports using dimensional data items such as members, levels, and hierarchies
- Focus reports using dimensional techniques such as edge filters, slicers, and filter functions
- Navigate dimensional data structures using functions to find related members or comparison time periods
- Create sophisticated measure calculations
- Understand totals and aggregation
- Analyze reports with drill-up and drill-down techniques
- Configure advanced drilling behavior to support complex calculations and dashboard reports
- Set up drill-through access from one data source to another

Intended Audience
- Professional Report Authors working with dimensional data sources

Prerequisites
- Attend the IBM Cognos Report Studio: Author Professional Reports Fundamentals (v10.2) course
- Knowledge of your business requirements
- Experience using basic Windows and Web functionality

Let Us Help You
We believe an effective training program reduces the time it takes for users to learn and adopt new technology and will lead to greater satisfaction overall. Whether you choose to attend public training, deliver your own training, take self-paced training, or require customized training that reflects your business, let IBM Cognos Education assist you in developing comprehensive and economical training plans to meet these needs. To learn more, visit Welcome to IBM Cognos Training! http://www.ibm.com/training/cognos.
IBM Cognos Report Studio: Author Reports with Multidimensional Data (v10.2)

1: Introduction to Dimensional Concepts
- Discuss dimensional structure and benefits
- Compare dimensional and relational model types
- Examine dimensional data structure

2: Introduction to Dimensional Data in Reports
- Define and use members in reports
- Define and use sets in reports
- Define tuples and data intersections
- Examine dimensional functions for members, sets, and tuples
- Explore user interface methods for adding data to reports

3: Dimensional Report Context
- Examine the impact of report context
- Understand current members, root members and default members
- Understand current measures and default measures

4: Focus Your Dimensional Data
- Compare relational and dimensional queries
- Identify dimensional style filtering techniques
- Filter non-null data
- Focus reports based on members
- Focus reports based on measures

5: Calculations and Dimensional Functions
- Create totals and aggregates
- Combine functions for complex calculations
- Avoid common errors

6: Functions for Navigating Dimensional Hierarchies
- Use functions to traverse the dimensional hierarchies
- Create reports with children(), ancestor(), and descendants() functions

7: Relative Functions
- Understand relative functions
- Create periods-to-date reports
- Focus reports on current time periods
- Compare data to past parallel time periods

8: Advanced Drilling Techniques and Member Sets
- Review basic drilling up and drilling down
- Identify cases for advanced drilling configurations
- Enable advanced drilling behavior
- Preserve report sort order when drilling
- Preserve complex calculations when drilling
- Maintain dashboard report context when drilling

9: Set Up Drill-Through Reports
- Drill through from one report to another
- Create package-based drill-through
- Design source and target reports with dimensional data
- Drill through from dimensional data to relational data
- Create a single report with data from multiple sources

10: End-to-End Workshop
- Review concepts covered throughout the course

Licensed Materials - Property of IBM
(c) Copyright IBM Corp. 2007, 2012