

Creating Reports from Multidimensional Data (Report Studio) with IBM Cognos 10

Course Summary

Description

This course provides advanced techniques with IBM Cognos® Report Studio. Topics include crosstab basics with dimensional data, dimensional filters, advanced calculations with MDX functions, drill behavior and more. The course format includes lecture, instructor-led exercises and independent workshops.

Topics

- Review of IBM Cognos 10 & Report Studio
- Introduction to Multidimensional Reporting
- Creating Multidimensional Reports
- Filtering with Dimensional Data
- Calculations with Multidimensional Data
- Drill-Down, Drill-Up and Drill-Through
- Advanced Dimensional Reports

Audience

This course is ideal for Report authors and developers who will create and maintain complex reports based on cubes and dimensional models in Report Studio.

Prerequisites

Completion of Reporting on the Web or experience with Report Studio is required.

Duration

Two days

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Course Outline

- I. Review of IBM Cognos 10 & Report Studio**
 - A. Review of IBM Cognos 10
 - B. Review of Report Studio Reporting Techniques
 - C. New Features in IBM Cognos 10.

- II. Introduction to Multidimensional Reporting**
 - A. Cube and Dimensional Model Definitions
 - B. Understand the Benefits of Multidimensional Reporting
 - C. Understand Crosstab Edges and Nodes.

- III. Creating Multidimensional Reports**
 - A. Work with Members, Sets and Root Members.
 - B. Work with Intersections/Tuples.
 - C. Use Member and Set Functions in Simple Expressions.

- IV. Filtering with Dimensional Data**
 - A. Defining Filters.
 - B. Introduction to Context Filters.
 - C. Introduction to Slicers.
 - D. Using Filter Functions in Calculations.
 - E. Prompting with Dimensional Data.

- V. Calculations with Multidimensional Data**
 - A. Using Functions with Dimensional Data.
 - B. Using Hierarchical and Relative Functions.
 - C. Creating Period to Date Calculations.

- VI. Drill-Down, Drill-Up and Drill-Through**
 - A. Drill-down and Drill-up.
 - B. Advanced Drill Behavior.
 - C. Linking Data Items for Drill Behavior.
 - D. Drill-Through from Cubes to Reports.

- VII. Advanced Dimensional Reports**
 - A. Create Dashboards.
 - B. Create Historical Charts.
 - C. Use a Table of Contents.