

## Advanced Reporting on the Web (Report Studio) with IBM Cognos 10

### Course Summary

#### Description

This course provides advanced techniques with IBM Cognos® Report Studio. Topics include the Query Explorer, bursting reports, advanced prompting, drillthrough definitions, active reports, using external data, working with dimensional data and more. The course format includes lecture, instructor-led exercises and independent workshops.

#### Topics

- Review of IBM Cognos 10 & Report Studio
- Introduction to the Query Explorer
- Introduction to Bursting
- Advanced Prompting
- Introduction to Active Reports
- Use External Data
- Advanced Reporting
- Working with Dimensional Models
- Introduction to Event Studio
- HTML Items (Appendix)
- Import and Export XML Reports (Appendix)

#### Audience

This course is designed for Report authors and developers who will create and maintain complex reports 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
- II. Introduction to the Query Explorer**
  - A. Query Components
  - B. Build and modify queries from the Query Explorer
  - C. Create union and join queries
  - D. Create queries with SQL
  - E. Create child queries
- III. Introduction to Bursting**
  - A. Definitions
  - B. Create a bursted report
- IV. Advanced Prompting**
  - A. Review of prompts
  - B. Prompts with static values
  - C. Prompts that perform sorting
  - D. Conditional formatting with prompts
- V. Introduction to Active Reports**
  - A. Understand Active Reports
  - B. Convert reports to Active Reports
  - C. Create Active Reports with controls
- VI. Use External Data**
  - A. Introduction to Using External Data
  - B. Link External Data to a Report
  - C. Link External Data to a Query Subject
- VII. Advanced Reporting**
  - A. Complex report examples
    - 1. Advanced Drill Through
    - 2. Complex calculations
    - 3. Table of Contents
    - 4. Dynamic time periods
- VIII. Working with Dimensional Models**
  - A. MDX and Unique Member Names
  - B. Work with context filters and member sets
  - C. Work with Dimensional functions
  - D. Period to Date calculations
  - E. Tree Prompts
- IX. Introduction to Event Studio**
  - A. Examine Event Studio
  - B. Create an agent and task
- X. HTML Items (Appendix)**
  - A. Basic HTML in Report Studio
- XI. Import and Export XML Reports (Appendix)**
  - A. View and understand the report specification
  - B. Import XML report specifications
  - C. Export XML report specifications
  - D. Create templates