

## Course duration

- 2 days

## Course Benefits

- Review Reporting Techniques
- Create advanced reports in the Query Explorer
  1. Joins
  2. Unions
  3. Sub queries
- Burst reports
- Advanced Prompting
- Introduce Active Reports
- Create advanced reports
  1. Dashboards with Drill-Through
  2. Advanced Formatting
  3. Advanced Calculations
- Create reports with multidimensional data sources

## Course Outline

1. Review of IBM Cognos Analytics & Reporting
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  2. Review of Reporting Techniques
2. Introduction to the Query Explorer
  1. Query Components
  2. Build and modify queries from the Query Explorer
  3. Create union and join queries
  4. Create queries with SQL
  5. Create child queries
3. Introduction to Bursting
  1. Definitions
  2. Create a bursted report
4. Advanced Prompting
  1. Review of prompts
  2. Prompts with static values
  3. Prompts that perform sorting
  4. Conditional formatting with prompts
5. Introduction to Active Reports
  1. Understand Active Reports
  2. Create a simple active report

3. Create an active report with a chart
6. Advanced Reporting
  1. Complex report examples
    1. Advanced Drill Through
    2. Complex calculations
    3. Table of Contents
    4. Dynamic time periods
7. Working with Dimensional Models
  1. MDX and Unique Member Names
  2. Work with context filters and member sets
  3. Work with Dimensional functions
  4. Period to Date calculations
  5. Tree Prompts
8. HTML Items (Appendix)
  1. Basic HTML in Reporting
9. Import and Export XML Reports (Appendix)
  1. View and understand the report specification
  2. Import XML report specifications
  3. Export XML report specifications

## Class Materials

Each student will receive a comprehensive set of materials, including course notes and all the class examples.

### Class Prerequisites

Experience in the following *is required* for this Cognos class:

- Experience with IBM Cognos Reporting.

### Prerequisite Courses

Courses that can help you meet these prerequisites:

- [Introduction to Reporting in Cognos Analytics](#)