Advanced Reporting with IBM Cognos Analytics

Course Summary

Description

This course provides advanced techniques with IBM Cognos’ Reporting. Topics include the Query Explorer, bursting reports, advanced prompting, drill-through definitions, active reports, working with dimensional data and more. The course format includes lecture, instructor-led exercises, and independent workshops.

Topics

- Review of IBM Cognos Analytics & Reporting
- Introduction to the Query Explorer
- Introduction to Bursting
- Advanced Prompting
- Introduction to Active Reports
- Advanced Reporting
- Working with Dimensional Models

Audience

This course is designed for report authors and developers who will create and maintain complex reports in Reporting.

Prerequisites

Before taking this course, completion of the Introduction to Reporting course (PT20449) or experience with IBM Cognos Reporting is required.

Duration

Two days
Advanced Reporting with IBM Cognos Analytics

Course Outline

I. Review of IBM Cognos Analytics & Reporting
   A. Review of IBM Cognos Analytics
   B. Review of 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. Create a simple active report
   C. Create an active report with a chart

VI. Advanced Reporting
   A. Complex report examples
      1. Advanced Drill Through
      2. Complex calculations
      3. Table of Contents
      4. Dynamic time periods

VII. 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

VIII. HTML Items (Appendix)
     A. Basic HTML in Reporting

IX. Import and Export XML Reports (Appendix)
    A. View and understand the report specification
    B. Import XML report specifications
    C. Export XML report specifications

Due to the nature of this material, this document refers to numerous hardware and software products by their trade names. References to other companies and their products are for informational purposes only, and all trademarks are the properties of their respective companies. It is not the intent of ProTech Professional Technical Services, Inc. to use any of these names generically.