

Data Modeling with IBM Cognos 10 Framework Manager

Course Summary

Description

This course introduces data modeling techniques with IBM Cognos® Framework Manager. Topics include adding data sources and query subjects, defining joins and cardinality, creating business views, publishing packages and more. The course format includes lecture, instructor-led exercises and independent workshops.

Topics

- Introduction to Framework Manager
- Data Sources and the Physical Layer
- Create the Business Layer
- Calculations and Filters
- Create and Publish a Package
- Summary

Audience

The course is designed for Data modelers who will create and maintain Framework Manager models and packages.

Prerequisites

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

Duration

Two days

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Course Outline

- I. Introduction to Framework Manager**
 - A. Review of IBM Cognos 10
 - B. The Framework Manager interface
 - C. Create a project
- II. Data Sources and the Physical Layer**
 - A. Import data sources
 - B. Create a physical layer
 - C. Understand data formats and query subjects
 - D. Understand common modeling problems
 - E. Organize facts and dimensions
 - F. Define join relationships
- III. Create the Business Layer**
 - A. Create namespaces
 - B. Model query subjects
 - C. Create shortcuts
 - D. Star schemas
- IV. Calculations and Filters**
 - A. Why create calculations and filters
 - B. Create simple calculations
 - C. Create filters
 - D. Create filters with prompts
 - E. Update the business layer
- V. Create and Publish a Package**
 - A. Define packages
 - B. Create a package
 - C. Publish a package
 - D. Use a package in a report
 - E. Modify and republish a package
- VI. Summary**
 - A. Review best practices
 - B. Next steps