

IBM Cognos 10 Creating Data Models with Transformer

Course Summary

Description

This course introduces data modeling techniques with IBM Cognos Transformer. Topics include IBM Cognos overview, planning and designing models, creating data sources for Transformer, creating single query and multiquery models, building dimension maps and measures, designing advanced dimensions, building multi-cube models and more. The course format includes lecture, instructor-led exercises and independent workshops.

Topics

- Overview of IBM Cognos 10
- Overview of Cubes, Models and Transformer
- Planning Your Model
- Create a Simple Transformer Model
- Create Dimensions
- Measures
- Time and Relative Time
- Advanced Dimensions
- Build and Deploy Cubes
- Custom Views and Security
- Model Maintenance

Audience

Developers and other users, who will create, maintain, and build models and cubes using Transformer.

Prerequisites

A basic knowledge of IBM Cognos 10, IBM Cognos 10 Analysis Studio or PowerPlay Studio, Windows, Internet Explorer, and browser techniques is recommended.

Duration

Two days

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Course Outline

- I. Overview of IBM Cognos 10**
 - A. Overview of IBM Cognos 10
 - B. Overview of Studios
 - C. New Studios and Features in IBM Cognos 10
- II. Overview of Cubes, Models and Transformer**
 - A. Define Cubes and Dimensional Models
 - B. Define Dimensions and Measures
 - C. Understand the Differences between Dimensional Models and Cubes
 - D. Introduce Framework Manager and Transformer
- III. Planning Your Model**
 - A. Define Models
 - B. Introduce Dimension Maps
 - C. Create a Model Plan
- IV. Create a Simple Transformer Model**
 - A. Introduce the Transformer Interface
 - B. Build and Compare Data Sources
 - C. Single and Multi-Query Models
 - D. Understand Model Formats
- V. Create Dimensions**
 - A. Create a Dimension Map
 - B. Understand Levels, Categories and their Properties
 - C. Generate Categories and View Dimension Diagrams
- VI. Measures**
 - A. Define Measures Types
 - B. Create Regular and Calculated Measures
 - C. Understand Measure Properties
 - D. Define and Use Measure Rollups
 - E. Allocate Measures
- VII. Time and Relative Time**
 - A. Use the Date Wizard
 - B. Models with Multiple Date Dimensions
 - C. Set the Current Period
 - D. Create Relative Time Categories
- VIII. Advanced Dimensions**
 - A. Create Alternate Drill Paths
 - B. Understand Convergence Levels
 - C. Build Subdimensions
- IX. Build and Deploy Cubes**
 - A. Build a Cube
 - B. Build Multiple Cubes in the Same Model
 - C. Cube Groups
 - D. Dimension Views
 - E. Exclude Measures
 - F. Understand Packages and Data Sources
 - G. Deploy Cubes
 - H. Understand Partitions
- X. Custom Views and Security**
 - A. Introduce Custom Views
 - B. Understand Model and Cube Security
- XI. Model Maintenance**
 - A. Evaluate Model Changes
 - B. Update Cubes with Scripts
 - C. Incremental Updates