



## 8.4 BI FRAMEWORK MANAGER

# Curriculum



### ▶ COURSE OVERVIEW

Designing Metadata Models is a five-day, instructor-led course that provides participants with knowledge of metadata modeling concepts for predictable reporting and analysis results using Framework Manager. Participants will learn the entire metadata modeling process, from initial project creation, to publishing of metadata to the Web, so that end users can easily author reports and analyze data. Cognos metadata modeling recommendations will be applied throughout the course. Participants will also create analysis objects by providing dimensional information to the model, learn how to apply security to the model, manage projects and packages, analyze the generated SQL for various queries, optimize and tune models for performance, manage Framework Manager projects, gain experience with advance use of parameters, manage Member Unique Names, and model for drill-through. Data sources used throughout the course include a relational database, based on operational data, and OLAP sources.

### ▶ WHO SHOULD ATTEND

- ▶ DEVELOPERS WHO DESIGN METADATA MODELS

### ▶ PREREQUISITES

- ▶ THROUGH KNOWLEDGE OF COMMON INDUSTRY STANDARD DATA STRUCTURES AND DESIGN
- ▶ EXPERIENCE WITH SQL
- ▶ EXPERIENCE GATHERING REQUIREMENTS AND ANALYZING DATA

### ▶ TOPICS COVERED

- ▶ IDENTITY COMMON DATA STRUCTURES
- ▶ GATHER REQUIREMENTS
- ▶ CREATE A BASELINE PROJECT
- ▶ PREPARE REUSABLE METADATA
- ▶ MODEL FOR PREDICTABLE RESULTS
- ▶ CREATE CALCULATIONS AND FILTERS
- ▶ IMPLEMENT A TIME DIMENSION
- ▶ CREATE THE PRESENTATION VIEW
- ▶ CREATE ANALYSIS OBJECTS
- ▶ MANAGE OLAP DATA SOURCES
- ▶ SET SECURITY
- ▶ MANAGE PACKAGES
- ▶ BASIC MODEL MAINTENANCE AND EXTENSIBILITY
- ▶ WORKING WITH DIFFERENT QUERY SUBJECT TYPES
- ▶ IDENTIFY GENERATED SQL AND COMPLEX QUERIES
- ▶ OPTIMIZE AND TUNE FRAMEWORK MANAGER MODELS
- ▶ WORK IN A MULTI MODELER ENVIRONMENT
- ▶ USE ADVANCED PARAMETERIZATION TECHNIQUES
- ▶ MANAGE MUNs AND MODEL FOR DRILL-THROUGH
- ▶ EMPLOY ADDITIONAL MODELING TECHNIQUES



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