IBM Cognos BI Framework Manager

Budgeting
Solutions

■ Objectives:

This 2 day course provides training for the new Cognos professional who is tasked with modelling the existing data warehouse and OLAP cubes into a business view of the data that the users are familiar with and for the report authors to create their reports against. The course is based on the IBM Sample database and the student will build and publish packages based on that data. A number of modelling techniques are explored to enable the student to settle on one that best suits the business requirement. The course is not aimed at an end user, but more the data base architect and Cognos administrator.

Introduction to Database Terminology

- Differences in Operational and Reporting
- Issues with Operational Databases
- Reporting databases
- Database joins
- Project Lifecycle

Framework Manager Introduction

- The Project Interface
- Naming Convention
- Project Workflow
- Creating data sources
- CQM v DQM
- Model Design Accelerator

Prepare Metadata

- Query and Measure Item
- Creating Relationships
- Creating Calculations
- Creating Prompts and Filters

Model for Predictable Results

- Modelling Star Schemas
- Identify Reporting traps
- Facts and Dimensions
- Implementing a Time dimension

Creating Business Views

- Create a Business View
- Populating the business view
- Conformed Dimensions
- Dimensionally modelled relational data
- Determinants and Regular Dimensions
- Session Parameters

Setting Security

- Cognos 10 Security Model
- Authentication Providers
- Setting Security in the Cognos Namespace
- Package and Data Security

Manage OLAP sources

- OLAP data sources in Cognos 10
- Connect to an OLAP data source
- Publish an OLAP source