

IBM COGNOS FRAMEWORK MANAGER

COURSE OVERVIEW:

This course will enable you to understand the fundamentals of IBM Cognos BI Framework Modelling while working through a series of modules and exercises.

Over the 2 days of the course you will gain an understanding of data sources, how to model your data and how to apply security to your data.

This knowledge will prove invaluable when building your own Framework models for your organisations reporting environment.

COURSE OBJECTIVES:

- To learn how to use Framework manager effectively
- To understand how to model your data
- To start thinking about building your reporting environment

WHO SHOULD ATTEND:

User who are responsible for the building and maintenance of the reporting environment within the organisation.

LENGTH: Two days

CODE: BIFM2

LOCATION: Inca Academy



COURSE OUTLINE: IBM COGNOS FRAMEWORK MANAGER

LESSON 1: INTRODUCTION AND DATA SOURCES

- Exercise 1. Starting in Framework Manager

LESSON 2: FRAMEWORK MANAGER OVERVIEW

- The Interface
- Icons and Objects

LESSON 3: THE PROJECT

- Data Types, Aggregation and Properties
- Exercise 2. Starting
- Exercise 3. Metadata Wizard
- File Structure
- Exercise 4. Using the Log File

LESSON 4: MODEL YOUR DATA

- Namespaces
- Data, Model and Stored Procedure Query Subjects
- Exercise 5.
- Relationships
- Star Schema Models
- Merging Query Subjects
- Database Schema Diagram
- Exercise 6.
- Summary
- Exercise 7.

LESSON 5: PACKAGES AND TOOLS

- Available Tools
- Governors
- Exercise 8. Creating a Package

LESSON 6: FILTERS AND PROMPTS

- Filters
- Embedded prompts in query subjects
- Exercise 9. Filters and Prompts
- Exercise 10. YTD Calculations

LESSON 7: DETERMINANTS AND DIMENSIONS

- Determinants
- Exercise 11. Specifying Determinants
- Multiple Facts
- Exercise 12. Multiple Fact Tables

LESSON 8: DIMENSIONALLY MODELLED RELATIONAL DATA (DMR)

- DMR vs Cubes
- Regular and Measure Dimensions
- Multiple Hierarchies
- Exercise 13. Dimensions

LESSON 9: ADDING PACKAGE, OBJECT AND DATA SECURITY

- Exercise 14. Adding Data Security
- Exercise 15. Adding Object Security

LESSON 10: PARAMETER MAPS

- Exercise 16. Using Parameter Maps

