



## IBM Cognos TM1: Design and Develop Models (V10.1) (P8152G)

IBM Cognos TM1: Design and Develop Models (V10.1) is an intermediate 5-day instructor-led course. This offering will teach modelers how to build a complete model in TM1. Through a series of lectures and hands-on exercises, you will learn how to model, link and deploy TM1 applications.

### Who Needs to Attend

This basic course is for Modelers.

### Prerequisites

You should have:

- IBM Cognos TM1: Interact with Data (V10.1) (Recommended)
- Basic knowledge of OLAP **and** TM1
- Significant experience with Excel spreadsheets (functions, macros, etc.)
- Understanding of the metrics **and** drivers of your business
- [IBM Cognos TM1: Interact with Data \(V10.1\) \(P8151G\)](#)

### Follow-On Courses

There are no follow-ons for this course.

### Course Outline

#### Overview of IBM Cognos TM1

- explore IBM Cognos TM1 applications
- explore the IBM Cognos TM1 environment
- manage and organize a model

#### Identify Common Data Structures

- discuss Online Analytical Processing (OLAP)
- examine core model design principles
- identify the basic tasks required to create a TM1 model and deploy it

#### Import Data to Create Objects

- discuss guided import
- import data to create a dimension
- import data to create and populate a cube

#### Create and Customize Dimensions

- create dimensions manually
- import and edit dimensions
- create dimension calculations

#### Create and Customize Cubes

- construct a new cube
- discuss cube properties
- edit a cube structure

#### Import Data

- create processes to load data
- create a process to delete data in a cube
- create processes to update and maintain the model

#### Share Data Across Cubes with Links

- discuss and list types of links
- create and modify links
- review rule and process based links

### **Customize Business Rules**

- discuss a rule
- review automatically generated rules
- discuss and re-order rule blocks

### **Optimize Rule Performance**

- discuss consolidations and sparsity
- enhance consolidation performance
- modify automatically generated statements

### **Complete the Income Statement Model**

- discuss the model development process
- complete objects for the model
- review tools to aid in model development

### **Create Applications**

- explain the application types
- access an IBM Cognos TM1 application
- create a new application

### **Use Advanced Modeling Techniques**

- Use dimension functions
- Implement moving balances in a cube

### **Model Data with IBM Cognos TM1 Architect**

- Define drill-thru
- Use Rules Tracer

### **Convert Currencies**

- Discuss currency challenges
- Model data for currency conversion

Contribute Data to Planning Applications (Optional)

Integrate with IBM Cognos Business Intelligence (Optional)

Optimize and Tune Models (Optional)

Define Workflow (Optional)

### **Further Information:**

For More information, or to book your course, please Call/Email us on - +254 713 027 191

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