

# ***i2 Demand Manager v6.3 Level II***

July 2009



## ***Summary***

<b>Solution Type:</b>	SCM
<b>Industry:</b>	General
<b>Product(s)/Template(s):</b>	i2 Demand Manager
<b>Target Audience:</b>	Functional Implementers (Business Lead / i2 Lead) Technical Implementers (Super User / Application Engineer)
<b>Delivery Method:</b>	Instructor-Led Training
<b>Training Approach:</b>	Lecture, Demo & Hands-on
<b>Duration:</b>	3 days
<b>Version:</b>	6.3

## ***Description***

This course focuses on the technical aspects of creating and maintaining a Demand Manager database using the Administrator tools for Demand Manager software. Students will learn about the Demand Manager distributed and scalable architecture. Scenarios covered during the training are - creating, loading & maintaining a Demand Manager. Training will also include user and security administration and trouble-shooting. This course consists of instructor lectures, demonstrations, and technically intensive exercises.

## ***Content***

This course is composed of the following modules:

Module 1: DM Functional Overview and Review of key terminology

Module 2: DM Technical Architecture

Module 3: Creating a DM Database

Module 4: Demand Manager Administration

Module 5: Monitoring, Maintenance, Realignment

## ***Prerequisites***

- **i2 Demand Manager v6.3 Level I Training - Required**
- Basic PC knowledge and skills, including MS Windows™ and web browsers
- Basic knowledge of statistical forecasting principles and techniques
- Practical knowledge of relational database principles
- Some programming experience is useful
- Practical knowledge of relational database principles include SQL
- **i2 Supply Chain Management Overview WBT – Recommended**
- **i2 <Industry> SCM Solution Overview WBT – Recommended**

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## Day – By – Day

### Day 1 – DM Functional Overview and DM Technical Architecture

- Describe the typical inputs and outputs of a forecasting system.
- Define the characteristics of hierarchy, levels, and views.
- Describe the characteristics of database and non-database measures and; given a measure, identify it as a database or non-database measure.
- Login to the DM Training Database and navigate through Explorer and basic DM functions
  - a) **Creating Scopes and Sessions so that a user only sees the data set that a user wants to work with to support a specific step in the demand planning process.**
  - b) **Session and Database Refresh**
  - c) **Creating your own custom Views from the UI using Custom Hierarchies feature**
- Discuss DM Architecture from a detailed standpoint
- Discuss about the Concept of Components and Containers
- Discuss in detail all the components used by DM and their relevance
- Discuss the DM Deployment scenario and connections to external sources of data
- Create the necessary Dimensions, Views, Levels and Members for the **DM Technical Case Study for Cola Beverages Case Study**

### Day 2 – Creating a DM Database

- Discuss the directory structure and relevant files used by Demand Manager
- Discuss about the critical XML files required by DM during Metadata Database creation
  - **create.xml**
  - **xdstargets.xml**
  - **load.xml**
  - **users.xml**
  - **customgroups.xml**
  - **domains.xml**
  - **usersecurity.xml**
  - **curtime.xml**
  - **iolevels.xml**
  - **i2DM.xml**
- Create the Demand Manager **DMTechnical** instance based on the XML files created for the Cola Beverages Case Study and the instructions provided.
- Attendees verify the successful creation of the DM Database by bringing up the DM containers and logging into the DMTechnical Instance through the Web client.
- Instructor will review the DM Database creation activities.

### Day 3 – DM Admin User Interface used for Database Monitoring, Maintenance, Realignment, Tuning and Sizing

- Review Database Monitoring tasks performed on a frequent basis by Super Users and Admin using the Demand Manager User Interface
- Discuss in detail Database Maintenance tasks
- Discuss Realignment and corresponding XML scripts that need to be executed will be reviewed.

- Discuss User Interface Batch operation tasks performed by Admin
- Perform exercises on realignment of the metadata and adding new database measures to the database.