

i2 Demand Manager v6.3 Level I VIRTUAL CLASS



The Supply Chain Company™

Summary

Solution Type:	SCM
Industry:	General
Product(s)/Template(s):	i2 Demand Manager
Target Audience:	Functional Implementers (Business Lead / i2 Lead) Technical Implementers (Super User / Application Engineer)
Delivery Method:	Virtual Classroom
Training Approach:	Lecture & Demo
Duration:	5 days (Monday – Friday) 9:00 AM – 12:00 PM CST
Version:	6.3

Description

This virtual course will introduce i2's Demand Manager and demonstrate how the tools enable the planner to develop an integrated Best Practices approach to forecasting products, financials, etc. across the entire enterprise. The course includes statistical modeling, error analysis, advanced quantitative techniques and exception analysis. It will introduce the participant to the concepts and functionality of Demand Manager with respect to planning and forecasting as well as aggregate reporting using Demand Manager's multi-dimensional OLAP capabilities.

Content

This course is composed of the following modules:

Module 1: Managing Data

Module 2: Creating Demand Plans

Module 3: Analyzing Demand Plans

Module 4: Saving Demand Plans to the Database

Module 5: Best Practices in Forecasting.

Modules

Module 1: Managing Data

- Describe the role of forecasting in the overall optimization of the supply chain and list benefits from having an accurate forecast.
- Describe the generic DM forecasting Process to ultimately arrive at a consensus forecast and the advantages of having “n” Dimensions support in DM

- Describe the typical inputs and outputs of a forecasting system.
- Define the characteristics of hierarchy, levels, and views and introduction to attributes.
- Describe the characteristics of database and non-database measures and; given a measure, identify it as a database or non-database measure.
- Navigate the User Interface and do demo on the DM Functionality
 - 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) **Explode / Implode feature functionality Session and Database Refresh**
 - c) **Excel Integration of DM**
 - d) **Quick Edit Feature of DM which allows you to do a Mass Update**
 - e) **Ability to create your own Favorites and display Pie/ Bar/ Line Graphs**
 - f) **Creating your own custom Views from the UI using Custom Hierarchies feature**
 - g) **Display Actual as well as Cumulative Percentage Measures**
 - h) **Cell locking feature and cell lock summary**
 - i) **Searching for members within a scope and session**
 - j) **Creating Comments and attachments to comment measures**

Module 2: Creating Demand Plans

- Identify the characteristics of different forecasting methods and pinpoint their correct application.
- Identify the steps and modeling techniques to configure customized statistical forecasting techniques using the DM modeling language.
- Given a demand pattern (flat, trend, seasonality....etc) determine which techniques available in DM are appropriate to use to create a forecast.
 - a) **Moving Average**
 - b) **Multiple Regression**
 - c) **Triple Plus**
 - d) **Composite Forecast**
 - e) **Modified Croston's**
 - f) **Periodicity**
 - g) **Qualifier Forecast**
 - h) **Returns Forecast**
 - i) **Last Time Buy**
 - j) **MTBR**
 - k) **Product Life Cycle Forecasting**
 - l) **Attach Rate Forecasting**
- Understand how to use Single Measure Function and Dual Measure Functions within DM for simple calculations.
- LUA computation scripts to perform advanced calculations

Module 3: Analyzing Demand Plans

- Identify reasons why it is important to measure forecasting accuracy.
- Given forecast values and actual values, calculate the MAPE.
- Show how to display error measures using user dlls and error windows.

- Given a DM database and different forecasts (statistical and otherwise), show how the Pickbest function selects the best forecast based on MAPE criterion over a specified error evaluation period.
- Given a forecast, describe/identify how you would analyze the forecast and identify exceptions.
 - a) **Using the Flagging Functionality of DM**
 - b) **Using Watchpoints in DM**
- Defining Filters and Sorts within a DM Session.

Module 4: Saving Demand Plans

- Identify the purpose, features, and functions of Update db, Disaggregate, Copy Value - lowest level, and Copy Value - middle level.
- Identify the "database operations" tasks that can be automated.

Module 5: DM Best Practices

- Understand Best Practice Fundamentals in Demand Management Process
- Understand differences between Demand Planner and Demand Manager software functionalities and architecture