

# ***i2 Demand Planner (v6.1) for Functional Implementers***

11-January-2008



## ***Summary***

<b>Solution Type:</b>	SCM
<b>Industry:</b>	General
<b>Product(s)/Template(s):</b>	i2 Demand Planner
<b>Target Audience:</b>	Functional Implementers (Super Users / All Users)
<b>Delivery Method:</b>	Instructor-Led Training
<b>Training Approach:</b>	Lecture, Demo & Hands-on
<b>Duration:</b>	4 days
<b>Version:</b>	6.1.3

## ***Description***

This course will introduce i2's Demand Planner and demonstrate how it enables a planner to develop an integrated approach to forecasting products, financials, etc. across the entire enterprise. Participants will build up a skill base by working with the tool to replicate typical forecasting scenarios. It will introduce the participant to the concepts and functionality of both Demand Planner Analysis Workbench and Scenario Workbench with respect to planning and forecasting as well as an overview of Analyzer for Demand Planner with respect to reporting. This course is executed based upon a Windows 2003/XP platform.

## ***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: Case Study & Class Wrap Up

## ***Prerequisites***

- 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

## ***Course Objectives***

On completion of this course, you will be able to:

- Describe the role of forecasting in the overall optimization of the supply chain and list benefits from having an accurate forecast.
- Describe the generic DP forecasting Process to ultimately arrive at a consensus forecast.

- Describe the features and functionality of each product comprising the DP suite.
- Identify types of reference resources available and how to use those resources to find supplemental information.
- Describe the typical inputs and outputs of a forecasting system.
- Describe the functionality of the following workbenches: Analysis, Scenario, and Relationship
- Define the characteristics of hierarchy, levels, and views.
- Navigate the User Interface.
- Describe the characteristics of database and non-database measures.
- Given a DP database, show how to insert measures, modify measures, print, edit, and create graphs.
- Show the functionality and purpose of comment measures.
- Manage data using computation measures.
- Design and create typical forecasting workspaces used in a demand planning process.
- Identify the characteristics of different forecasting methods and pinpoint their correct application.
- Given a demand pattern, determine which techniques available in DP are appropriate to use to create a forecast.
- Configure customized statistical forecasting techniques using the DP modeling language.
- Describe the purpose, features, and functions of Historical Substitution.
- Identify the need and review the methods for measuring forecast error.
- Show how to display error measures using user dills and error windows.
- Given a DP 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.
- Show the purpose, features, and functions of exporting in DP.
- Describe the purpose, features, and functions of Session Manager for managing, analyzing, and saving data.
- Explain the issues which must be considered when checking out/in sessions from the Session Manager.
- Show the purpose, features, and functions of lockable measures and the database operations of Update, Disaggregate, Copy Value - lowest level, and Copy Value - middle level.
- Identify the "database operations" tasks that can be automated and create programs to do it.

---

## ***Day-by-Day Agenda***

Day 1: The Role of Forecasting in Business  
 Dimensions  
 Analysis Workbench (spreadsheets)

Day 2: Favorite Workspaces  
 Scenario Workbench (XMAM)  
 Forecasting Methods and Theory  
 Computation and Models

Day 3: User Functions  
 Historical Substitution  
 Forecasting Errors  
 Exception flagging (in Scenario Workbench)

Day 4: Saving Plans (Database Operations)  
 Automation  
 Export from the UI  
 Case Study  
 Wrap up