

Building Business Intelligence Solutions with Excel 2007

Objective

In this course, you will extend your knowledge into some of the more specialized and advanced capabilities of Excel by applying advanced analysis techniques to more complex data sets. Students should leave the course with a good understanding of how to create Excel reports, within a business context.

Duration

This is a 1 day course instructor-led course.

Who should attend?

This course is intended for all types of Excel reporting users including Executives and management, Business Analysts, Planners and Information Workers, who are responsible for the creation & delivery of Excel reports. Before attending this course, delegates should have: -

- A basic understanding of relational databases & OLAP concepts, experience with Excel 2007.

Some knowledge of the following is helpful, but not essential: -

- Microsoft SQL Server 2005 Database Engine, Analysis Services & Data Mining, XML.

Course Topics

MICROSOFT BUSINESS INTELLIGENCE

Defining Business Intelligence, Business Intelligence Solution Users, Common Business Intelligence Terminologies, Traditional & Contemporary Business Intelligence Solutions, Microsoft Business Intelligence Vision - Performance Management, Data Warehousing, Reporting and Analysis.

Excel Formulas and Functions

Formulas & Functions Basics, Essential Functions, Lookup & Reference Functions, Text Functions, Date & Time Functions, Arrays & Database Functions, Excel Efficiency Tools.

Analyzing Excel Databases & Maximizing PivotTables/PivotCharts

Create an Excel Database, Modifying a Database, Using Data Validation, Using Data Forms, Sorting and Filtering Records, Working With Advanced Filters, Summarizing Data Within a List, Exporting And Importing Data, PivotTables. Make Your Data Work for You, A Quick Tour, Manipulating The PivotTable, Digging Deeper, Beyond The Basics, More PivotTable Calculations, Optional Topics.

Summarizing Excel 2007 Data to Make Better Business Intelligence Decisions

Deriving Business Intelligence from Excel Data, Summarizing Data Using Lists, Creating a PivotTable, Fine-Tuning PivotTables.

Forecasting and Trend Analysis Using Excel 2007

The Risks and Benefits of Forecasting Data, Creating Formula-Based Forecasts, Forecasting by Using Moving Averages, Maximizing Profit Potential.

Introduction to accessing SQL Server 2005/8 Databases, Analysis Services cubes and Data Mining in Excel