

## TUTORIAL 9 DEVELOPING A FINANCIAL ANALYSIS

### WORKING WITH FINANCIAL TOOLS AND FUNCTIONS

- Work with financial functions to analyze loans and investments
- Create an amortization schedule
- Calculate a conditional sum
- Interpolate and extrapolate a series of values
- Calculate a depreciation schedule
- Determine a payback period
- Calculate a net present value
- Calculate an internal rate of return
- Trace a formula error to its source

## TUTORIAL 10 PERFORMING WHAT-IF ANALYSES

### ANALYZING THE COST-VOLUME-PROFIT RELATIONSHIP

- Explore the principles of cost-volume-profit
- Perform a basic what-if-analysis
- Use Goal Seek to calculate a solution
- Create a one-variable data table
- Create a two-variable data table
- Create and apply different Excel scenarios
- Generate a scenario summary report
- Generate a scenario PivotTable report
- Explore the principles of price elasticity
- Run Solver to calculate optimal solutions
- Create and apply constraints to a Solver model
- Save and load a Solver model

## LEVEL 11 CONNECTING TO EXTERNAL DATA

### IMPORTING FINANCIAL DATA FROM SEVERAL SOURCES

- Import data from a text file
- Work with connections and external data ranges
- Define a trusted location
- Understand databases and queries
- Use the Query Wizard to import data from several tables
- Edit a query
- Import data into a PivotTable and PivotChart
- Create a Web query
- Retrieve data from the World Wide Web

- Use hyperlinks in a workbook
- Access data from an XML document
- Work with XML data maps

## LEVEL 12      EXPANDING EXCEL WITH VISUAL BASIC FOR APPLICATIONS

### ANALYZING WEATHER DATA

- Create a macro using the macro recorder
- Work with the Project Explorer and Properties window of the VBA Editor
- Edit a sub procedure
- Run a sub procedure
- Work with VBA objects, properties, and methods
- Create an input box to retrieve information from the user
- Create and run If-Then control structures
- Work with comparison and logical operators
- Create message boxes
- Customize the Quick Access Toolbar
- Customize Excel