

# Data Analysis



This section illustrates the powerful features Excel has to offer to analyze data.

- 1 **Sort**: You can sort your Excel data on one column or multiple columns. You can sort in ascending or descending order.
- 2 **Filter**: Filter your Excel data if you only want to display records that meet certain criteria.
- 3 **Conditional Formatting**: Conditional formatting in Excel enables you to highlight cells with a certain color, depending on the cell's value.
- 4 **Charts**: A simple Excel chart can say more than a sheet full of numbers. As you'll see, creating charts is very easy.
- 5 **Pivot Tables**: Pivot tables are one of Excel's most powerful features. A pivot table allows you to extract the significance from a large, detailed data set.
- 6 **Tables**: Tables allow you to analyze your data in Excel quickly and easily.
- 7 **What-If Analysis**: What-If Analysis in Excel allows you to try out different values (scenarios) for formulas.
- 8 **Solver**: Excel includes a tool called solver that uses techniques from the operations research to find optimal solutions for all kind of decision problems.
- 9 **Analysis ToolPak**: The Analysis ToolPak is an Excel add-in program that provides data analysis tools for financial, statistical and engineering data analysis.