

DATA ANALYSIS USING EXCEL (REF:OTSDAU001)

Duration: 2 DAYS

Overview

Analyzing data is an important skill for any professional to possess. The existence of data in its raw collected state has very little use without some sort of processing. Examples of this are the answers to quiz questions that are collected from students. If no further examination of the quiz answers is undertaken, you will not know if the students passed or failed. Further, you would not know how one student performed as opposed to another. Excel can assist you in this analysis of data. You can grade the students' results and chart their progress. You can even allow the modification of data through web pages. If you teach, you keep student data; so make the most of your available data and use it efficiently by evaluating that data with Excel.

Content

Sort

You can sort your Excel data on one column or multiple columns. You can sort in ascending or descending order.

Filter

Filter your Excel data if you only want to display records that meet certain criteria.

Conditional Formatting

Conditional formatting in Excel enables you to highlight cells with a certain color, depending on the cell's value.

Charts

A simple Excel chart can say more than a sheet full of numbers. As you'll see, creating charts is very easy.

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.

Tables

Tables allow you to analyze your data in Excel quickly and easily.

What-If Analysis

What-If Analysis in Excel allows you to try out different values (scenarios) for formulas.

Solver

Excel includes a tool called solver that uses techniques from the operations research to find optimal solutions for all kind of decision problems.

Analysis Tool Pak

The Analysis Tool Pak is an Excel add-in program that provides data analysis tools for financial, statistical and engineering data analysis.

