

Excel 2013 Data Analysis, Part 3: PivotTable

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Prerequisites: This course assumes some familiarity with Microsoft Excel. This course is part of 3 courses; Excel 2013 Data Analysis: Finance & Stats; Excel 2013 Data Analysis: Sorting and Techniques; and Excel 2013 Data Analysis: Forecast and PivotTable. Please be sure to view the courses in order if you are new to the material.

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Course description: Master data analysis with Excel 2013 in this three part learning course. Excel 2013 is Microsoft's industry leading spreadsheet application that allows you to organize, visualize and calculate your data. Lesson coverage includes building formulas and adding functions and conditions to a formula, analyzing financial data to determine loan payments and interest rates, analyzing statistical data and calculating the variance and standard deviation, and sorting and filtering data. You'll also see an overview of analyzing data with Goal Seek and Scenarios, forecasting data to reveal trends, working with the Analysis ToolPack, and building PivotTables.

Course outline:

Trends and Forecasts

- Introduction
- Plotting a Best-Fit Trendline
- The Trend Function
- Plotting Forecasted Values
- Extending a Linear Trend
- Plot an Exponential Trendline
- Plot a Logarithmic Trendline
- Plotting a Power Trendline
- Summary

Working with Analysis ToolPak

- Introduction
- Loading the Analysis ToolPak
- Calculating a Moving Average
- Comparing Variances
- Calculating Correlation
- Running a Regression Analysis
- Determining Rank & Percentile
- Descriptive Statistics
- Summary

PivotTables

- Introduction
- Building a PivotTable
- A PivotTable from External Data
- Adding Multiple Fields
- Grouping PivotTable Values
- Changing a Summary Calculation
- Custom Calc. Field or Item
- Summary