

# Resources for Data Analysis in Excel

## Part I. Helpful Formulas

Sum, SumIF, Count, CountIF, Average, AverageIF, VLookUp, Concatenate, Text to Columns, Min, Max

500 Most Common Formulas and Explanations - <https://exceljet.net/formulas>

All Functions by Category - <https://support.microsoft.com/en-us/office/excel-functions-by-category-5f91f4e9-7b42-46d2-9bd1-63f26a86c0eb>

## Part II. Pivot Tables + Charts

Create a Very Simple Pivot Table - <https://support.microsoft.com/en-us/office/create-a-pivortable-to-analyze-worksheet-data-a9a84538-bfe9-40a9-a8e9-f99134456576>

Create and Format a Pivot Table - <https://exceljet.net/excel-pivot-tables>

Create a Pivot Chart + Dashboard – Part 1 <https://www.youtube.com/watch?v=9NUjHBNWe9M>

Part 2 <https://www.youtube.com/watch?v=g530cnFfk8Y>

Part 3 <https://www.youtube.com/watch?v=FyggutiBKvU>

## Part III. Power Query

Merge/Join two workbooks - [https://www.youtube.com/watch?v=73T7isNVH\\_w](https://www.youtube.com/watch?v=73T7isNVH_w)

The “Complete Guide to Power Query” - <https://www.howtoexcel.org/power-query/the-complete-guide-to-power-query/>

## Part IV. Data Analysis ToolPak

For adding the “Analysis ToolPak” – <https://support.microsoft.com/en-us/office/load-the-analysis-toolpak-in-excel-6a63e598-cd6d-42e3-9317-6b40ba1a66b4>

Description of each analysis option - <https://support.microsoft.com/en-us/office/load-the-analysis-toolpak-in-excel-6a63e598-cd6d-42e3-9317-6b40ba1a66b4>

**General - 10 Excel Tips for Nonprofits** - <https://www.littlegreenlight.com/blog/top-10-excel-tips-for-nonprofits/>