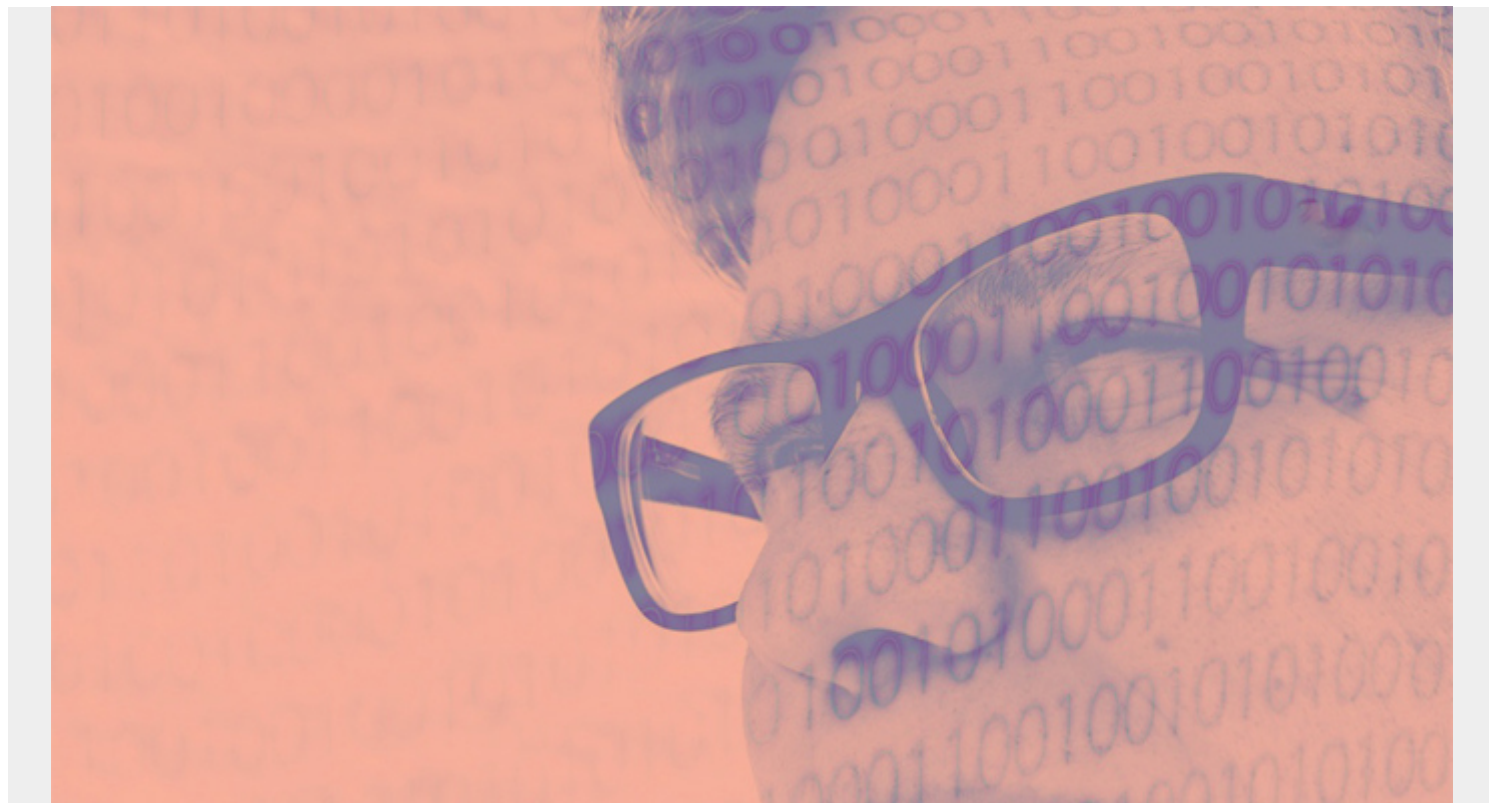# POWER BI VISUALIZATION TYPES
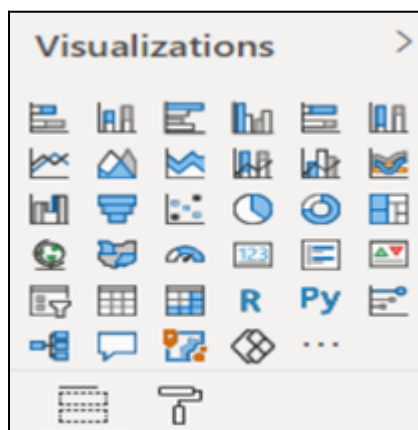

This articles sums up some of the most common visualizations in Microsoft Power BI Desktop. (Remember that you create reports in BI Desktop and then publish them to powerbi.com.)

(This article is part of our Power BI Guide. Use the right-hand menu to navigate.)
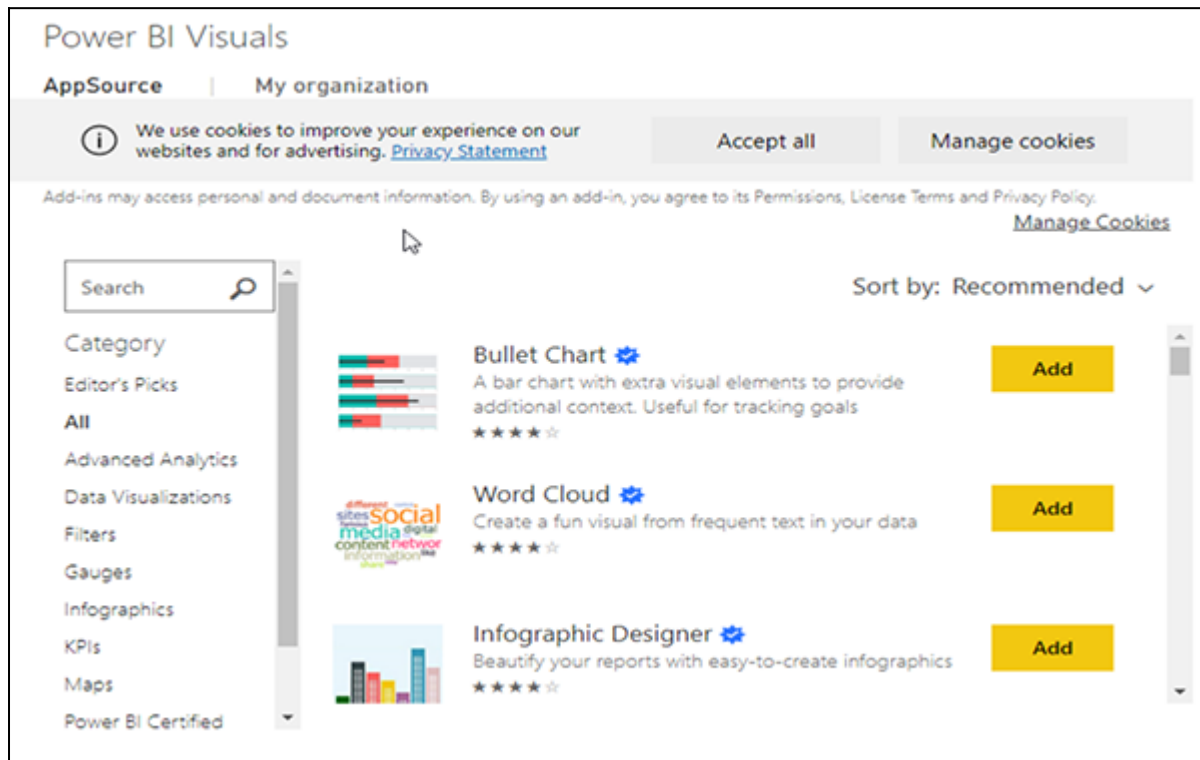
Power BI standard visualizations

Power BI has the normal set of visuals in the default product. The palette of standard visualizations looks like this:

But the product is made better by third-party visualizations, where anyone can contribute a new or variant visualization to a central repository.
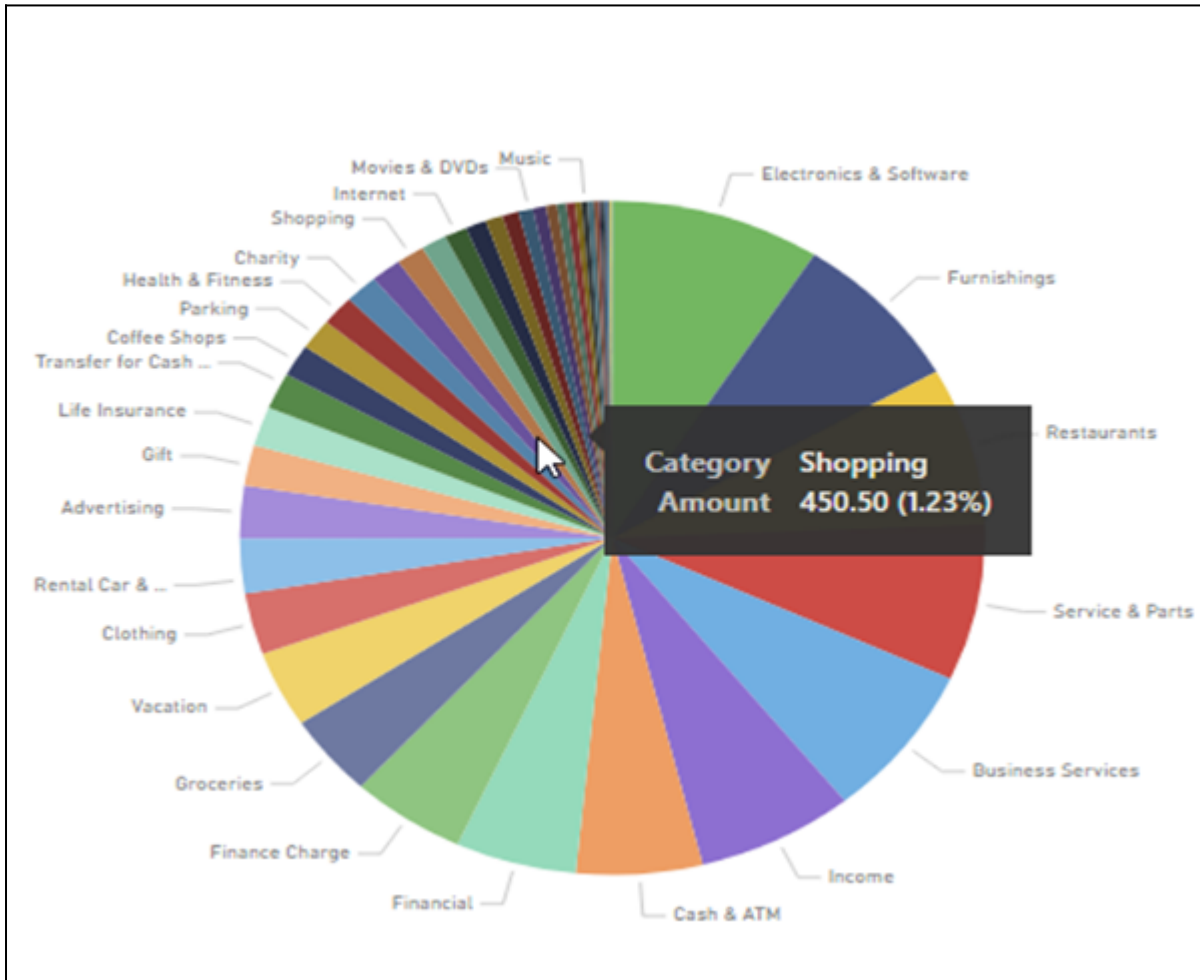
Power BI visuals

Here are some of the other Power BI Visuals:

Pie chart

The icons from the visualization palette are too small to copy here. Fortunately, the pie chart looks like a pie. Hover the mouse over the palette and the name fill pops up.

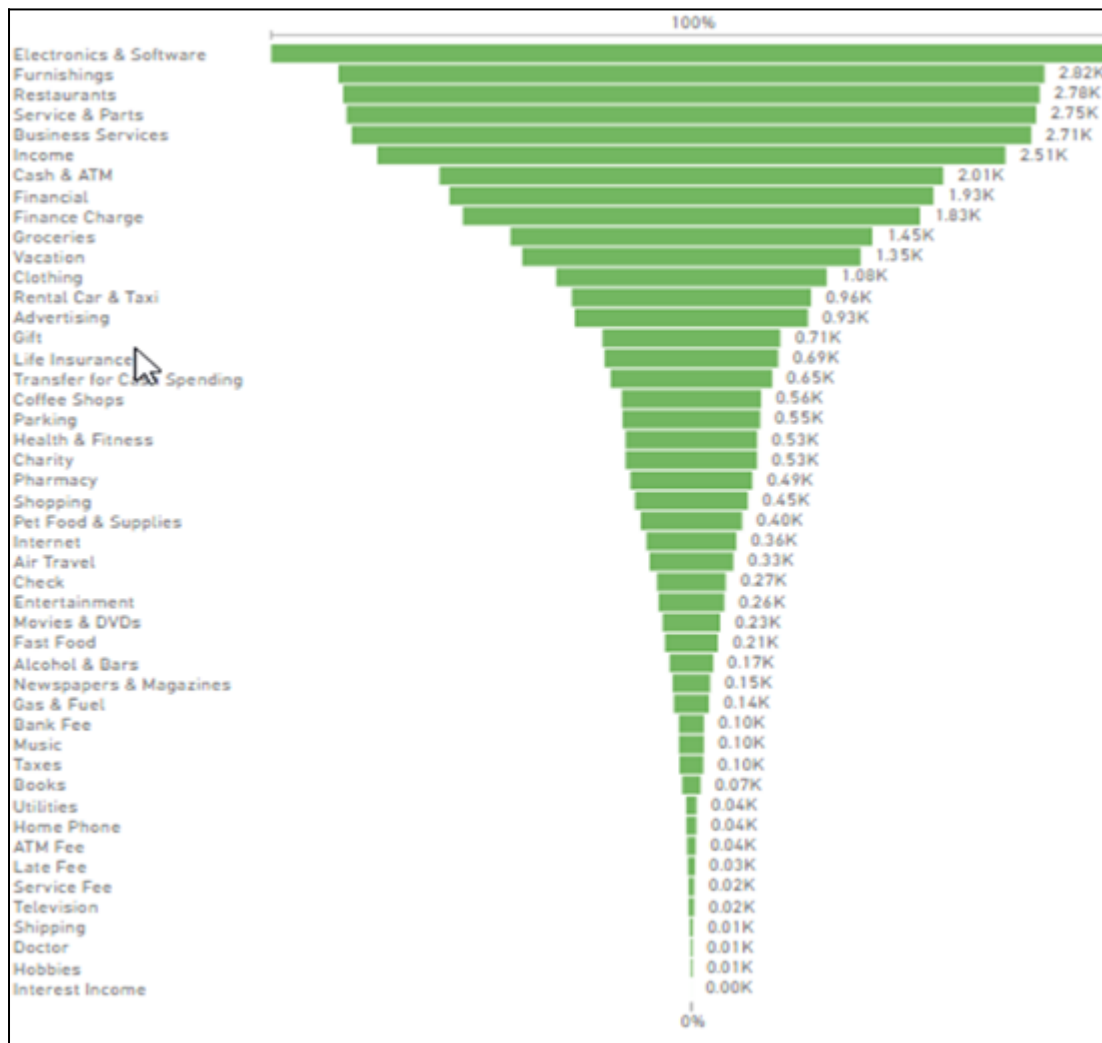Like the histogram, the pie chart divides the data set into slices that together sum to 100%.

This example is expenses by category. The percentage and amount would make the chart too crowded if they were all added there. So that is done using tooltips, which are popups to show additional information.
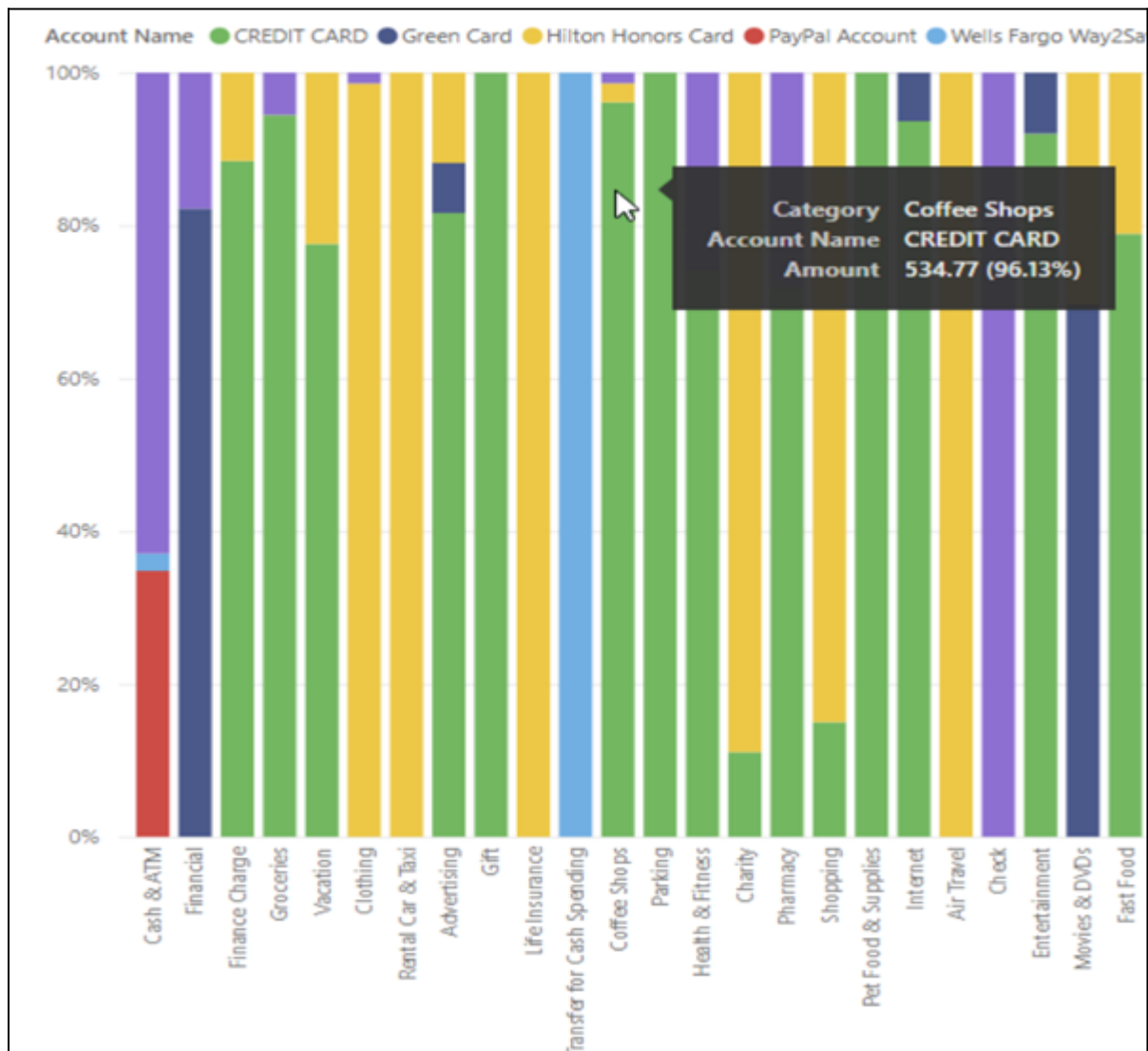
Funnel

Here is the funnel. It also sums to 100%. This shows spending by category in descending order.

Category	Value
Electronics & Software	
Furnishings	2.82K
Restaurants	2.78K
Service & Parts	2.75K
Business Services	2.71K
Income	2.51K
Cash & ATM	2.01K
Financial	1.93K
Finance Charge	1.83K
Groceries	1.45K
Vacation	1.35K
Clothing	1.08K
Rental Car & Taxi	0.96K
Advertising	0.93K
Gift	0.71K
Life Insurance	0.69K
Transfer for Cash Spending	0.65K
Coffee Shops	0.56K
Parking	0.55K
Health & Fitness	0.53K
Charity	0.53K
Pharmacy	0.49K
Shopping	0.45K
Pet Food & Supplies	0.40K
Internet	0.36K
Air Travel	0.33K
Check	0.27K
Entertainment	0.26K
Movies & DVDs	0.23K
Fast Food	0.21K
Alcohol & Bars	0.17K
Newspapers & Magazines	0.15K
Gas & Fuel	0.14K
Bank Fee	0.10K
Music	0.10K
Taxes	0.10K
Books	0.07K
Utilities	0.04K
Home Phone	0.04K
ATM Fee	0.04K
Late Fee	0.03K
Service Fee	0.02K
Television	0.02K
Shipping	0.01K
Doctor	0.01K
Hobbies	0.01K
Interest Income	0.00K

Stacked bar chart

A bar chart gives two dimensions, meaning one metric on the x axis and one on the y axis. To add another metric, you can use the actual bar itself to convey information.

In this stacked bar chart, we not only have spending by category, we have it by account. The vertical lines are scaled so that the first column represents one amount, while the second shows a different amount. That lets each line be the same height.

In the funnel and pie chart we had to drop categories as they were much larger than the other, thus squashing most categories that were too small to read.

Related reading

- [BMC Machine Learning & Big Data Blog](#)
- [Data Visualization Guide](#), a series of tutorials on various products
- [Tableau Online Guide](#)
- [Data Storage Explained: Data Lake vs Warehouse vs Database](#)