

### Excel: Making a year-on-year chart with variance

RYAN WARD · OCTOBER 12, 2020

Recently I gushed about the quality of a recent Grattan Report chart which compared current year to the average of prior years while also showing ...

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### An analysis of a great year-on-year COVID-19 chart with variance

RYAN WARD · SEPTEMBER 6, 2020

The Grattan Institute recently produced a report on how Australia can and should aim to reduce community transmission of COVID-19 to zero – i.e. an ...

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### My one unique addition to exploratory data analysis

RYAN WARD · AUGUST 9, 2020

There are many articles explaining exploration of data in Python. This isn't another one of those articles. This is to just show a small piece ...

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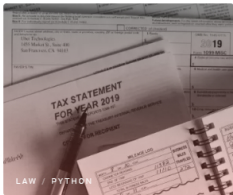


### How to make a 100% stacked bar chart with Python

RYAN WARD · JULY 25, 2020

One of my favourite charts is the 100% stacked bar chart. Think of a a Pie chart, but one that better shows the split of ...

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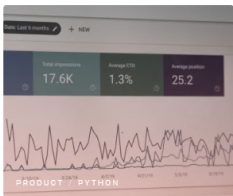


### How to make a scalable tax calculator in Python

RYAN WARD · JULY 14, 2020

Why do I need to calculate tax? Calculating the tax or duty on items is a common requirement. Sometimes it is as simple as multiplying ...

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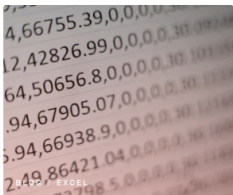


### Connecting to Pendo using Python

RYAN WARD · JULY 5, 2020

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### Where Excel beats out Python/R

RYAN WARD · JUNE 29, 2020

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### How to use NPS to make better business decisions

RYAN WARD · JUNE 20, 2020

Thanks to Hannah Nichols for helping with my thoughts around this. Any mistakes or issues are definitely my own though! Why does Net Promoter Score ...

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RYAN WARD · JUNE 12, 2020

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When I started using SQL as a young data analyst, I learnt all the typical keywords fairly quickly. SELECT, WHERE, GROUP BY, HAVING – these ...

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