**Tableau instructions**

Tableau is very like a Pivot table

It is based around measures and dimensions.

Measures are in green = values

Dimensions are in blue = dimensions

Can aggregate the data in different ways just like in Pivot (Sum, average, etc)

**Measures v Dimensions**

Dimensions are discrete data in Blue

Measures are continuous data in Green (you can assign them an attribution model just like in excel – sum, average etc)

In Tableau you can easily switch data types!

**Filtering**

Note: All filtering works with AND not OR

**Dates**

Dates can be dimensions or measures.

Dimension = q1 (across many years)

Measure = Q1 2015

**Getting Notes:**

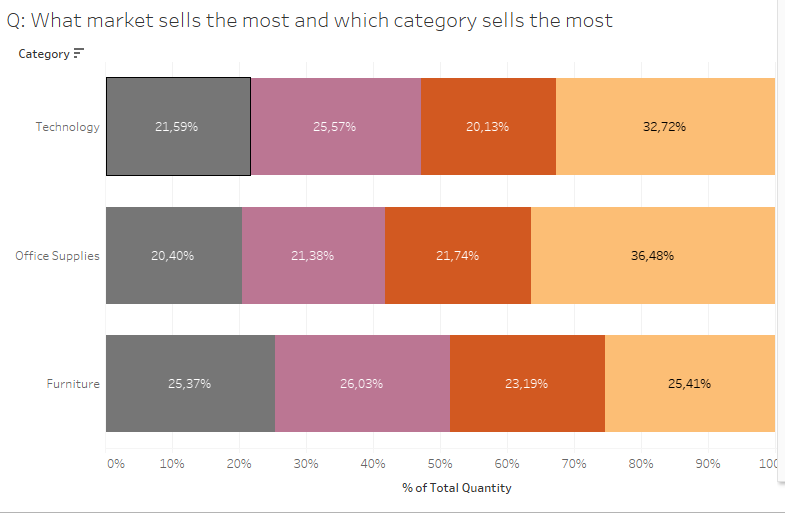
Can make notes in the caption. Worksheet -> caption

1. Maps

Only works withi geo data (see world symbol)

Always drag the geo information into the middle first.

1. Making view where percentage of total category like this:



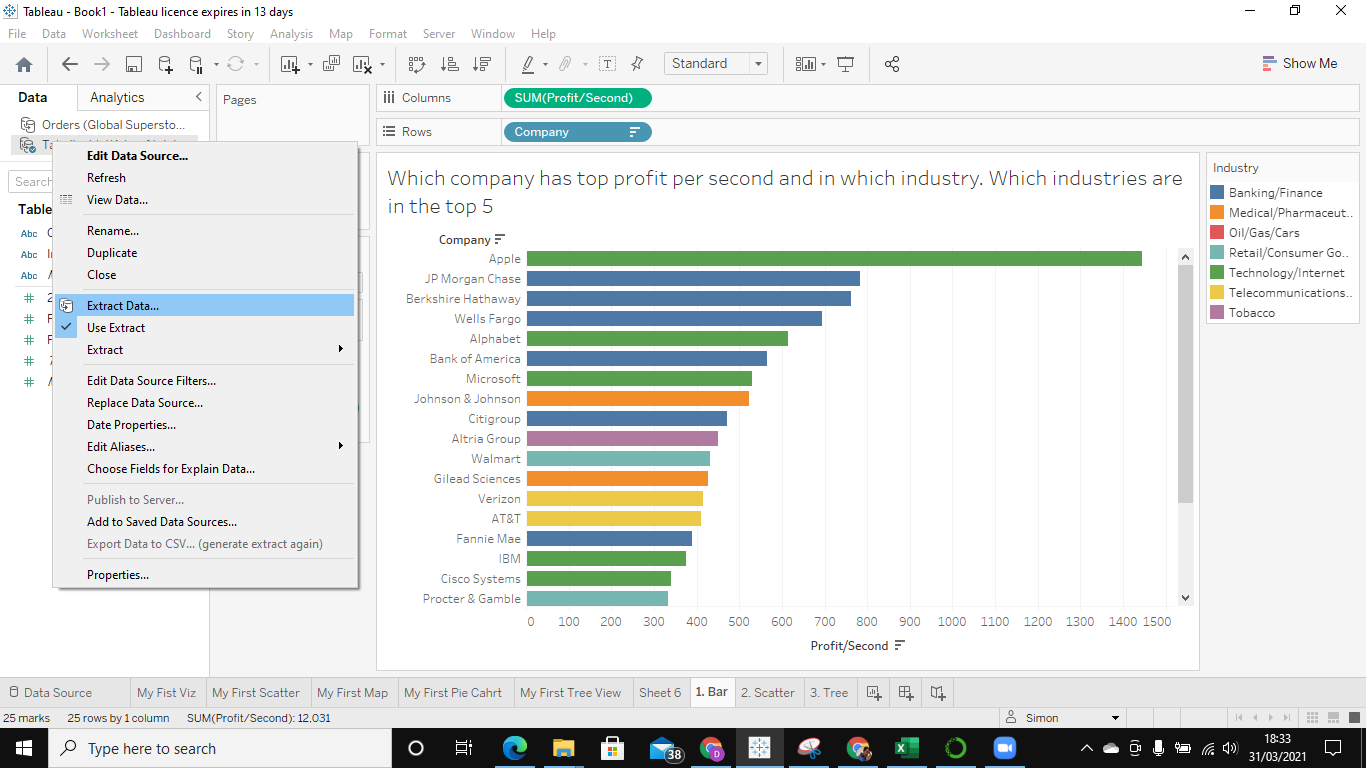
Can only run this on the measures ( in green)

Go to your measure in the table, left click and choose ‘Quick table calculation’ -> ‘Percentage of Total’

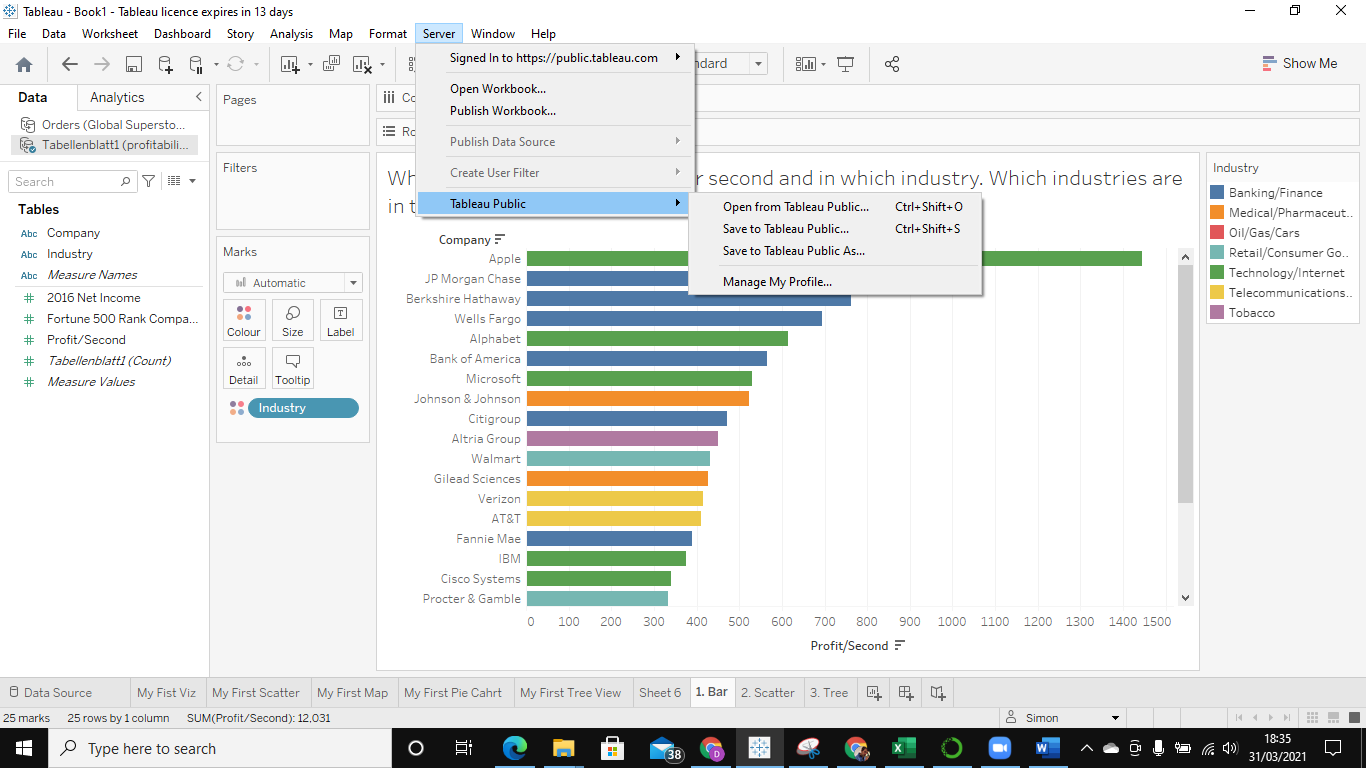
Then left click again and choose ‘Compute Using’ -> ‘Table Across’

1. Saving in Tableau

Need to extract file here:



Then save to tableau public here:



### Joining tables

You can do lots of different types of join

Left join, right join. Etc

In our Banks example we used a ‘Union’ to stack identically formatted data on top of each other.

Then we could split the table name on the one different part and get the values uniquely identified as good or bad loans.