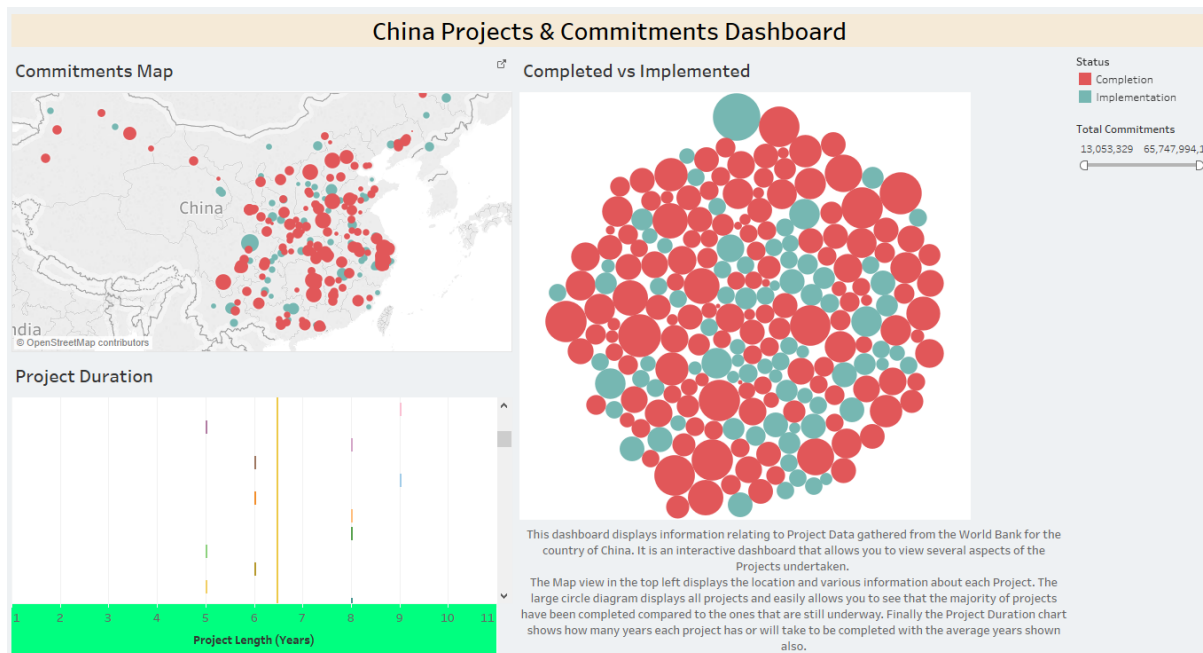


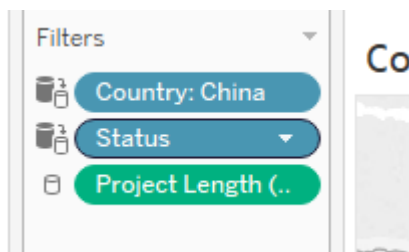
CHINA'S COMMITMENT TO REDUCING POVERTY BY 2030 – WORLD BANK DATASET



Workflow

Before loading the World Bank data into Tableau, I used Excel to clean the data. I deleted columns I didn't want and renamed columns etc. I took some time then on deciding what country I wanted to focus in on rather than trying to create a dashboard for all the countries. I decide to focus on China and the projects undertaken there.

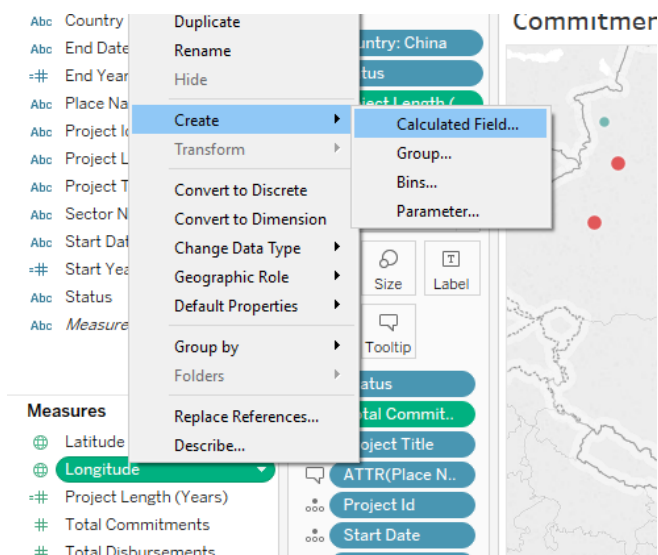
Once inside Tableau I quickly honed in on the China dataset by using the filter area:



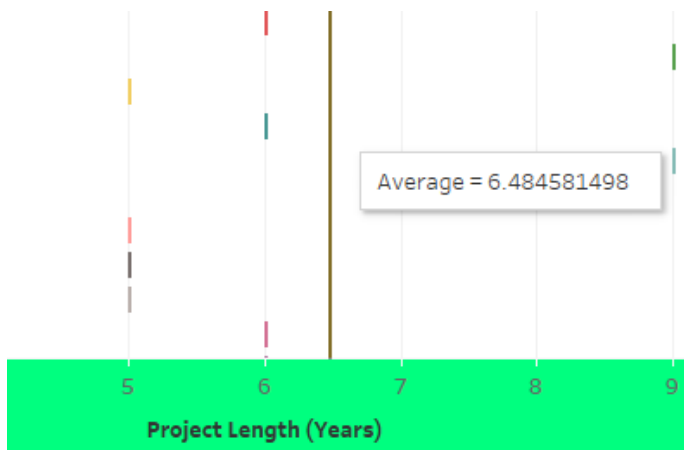
As I spent time creating Worksheets, I found that I wanted to create a calculated field for how many years each project took. First, I had to custom split the Start and End Date columns to just display the Start and End Years:

Abc RapidMiner Data Start Date	=# Calculation Start Year	Abc RapidMiner Data End Date	=# Calculation End Year
2011-12-20	2011	2017-02-28	2017

Then I created a Measure using the Create/Calculated Field option by right clicking in the Measures area:

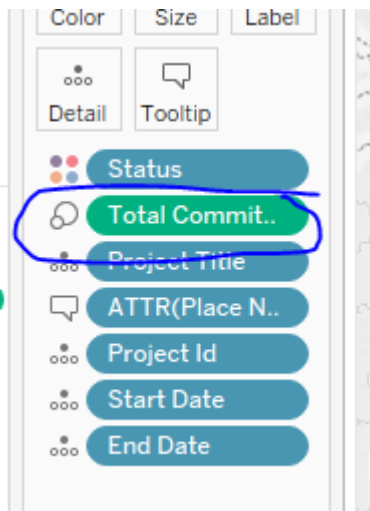


I also wanted to display the average years each project took. To do this I used a Reference Line to average out the Project Length (Years) measure I had created.



Data Knowledge

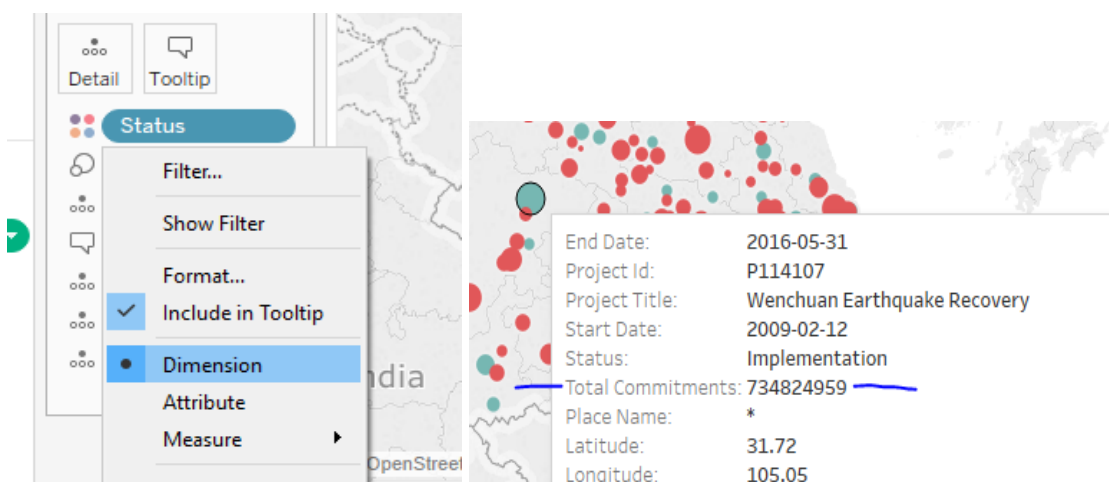
I also created a Total Commitments Mark for a Worksheet and analysed the figures it was producing:



I found that the data listed on the Excel file actually had multiple Total Commitments listed for the same project, just in different place names. Therefore, this Total marker was initially adding all these numbers up and giving the wrong figure.

project_title	total_commitments	total
Wenchuan Earthquake Recovery	734824959.0	
Wenchuan Earthquake Recovery	734824959.0	
Wenchuan Earthquake Recovery	734824959.0	
Wenchuan Earthquake Recovery	734824959.0	
Wenchuan Earthquake Recovery	734824959.0	
Wenchuan Earthquake Recovery	734824959.0	
Wenchuan Earthquake Recovery	734824959.0	
Wenchuan Earthquake Recovery	734824959.0	
Wenchuan Earthquake Recovery	734824959.0	
Wenchuan Earthquake Recovery	734824959.0	

Therefore I used the Dimension option in order for Tableau to return the correct Commitments figure.



As you can see it's very important to know the data that you are importing into Tableau very well – you may end up displaying the wrong metrics altogether!