

Author: Dauda Bilau

Project Title: Covid-19 Analysis

Software: Tableau Professional

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Project Brief

Design your own COVID-19 dashboard for a country of your choice

Now that you have the skills to create quick dashboards on Tableau. Let's design dashboard only applicable to a country of your choice.

It will be beneficial for you to choose a country which already has substantial COVID-19 cases.

It will also be great for your own learning to build this dashboard new, from scratch. So, start a new workbook on Tableau and connect to the data source!

Requirements:

1. Connect to the official Tableau COVID-19 Google Sheet

<https://docs.google.com/spreadsheets/d/14quQPFErG-hlpsrNgYcX85vW7JMMK5X2vNZrafRcH8c/edit>

2. Make sure you authenticate Tableau in your browser and sign in via a Google account.
3. Review the mock up dashboard below. You will need to create the following:

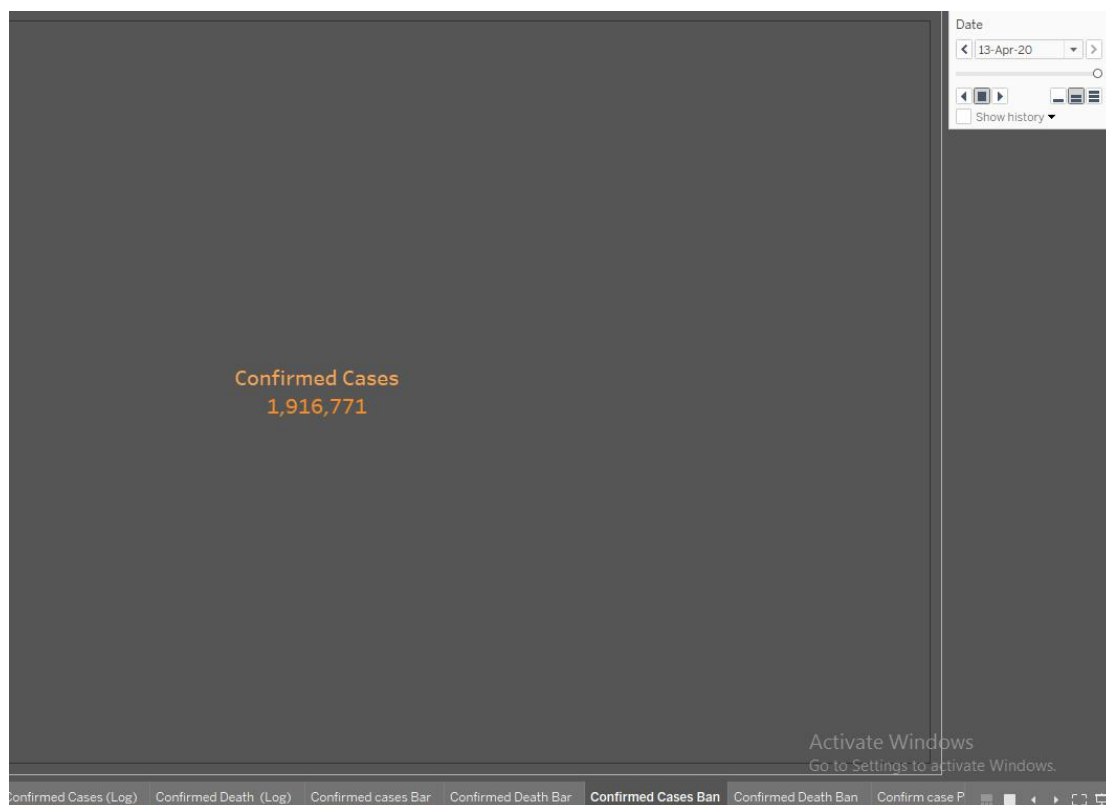
- A headline card representing total cases of the country
- A headline card representing total deaths of the country
- A headline card representing mortality rate of the country
- A line graph showing confirmed cases per day
- A line graph showing confirmed deaths per day
- A bar chart/line graph showing the mortality rate per day
- A pie chart showing the cases confirmed and deaths per day

4. When you're done with your dashboard click on "Server" and publish to Tableau Public.

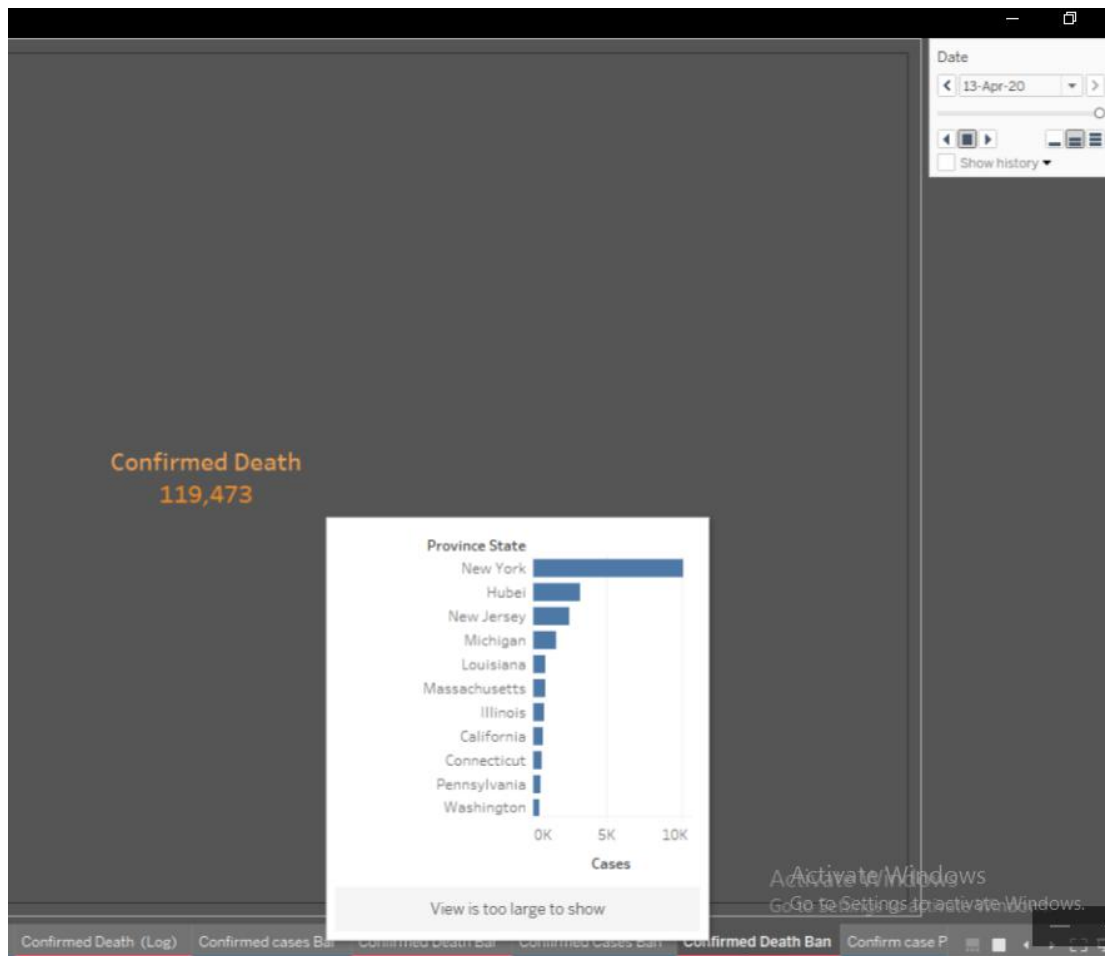
Some pointers

1. Remember to filter on date = “yesterday”
2. For Mortality rate, remember it’s a two-step process. Step 1 is to calculate deaths as its own separate field. Step 2 will be to calculate the mortality rate which is: $\text{SUM(Deaths)}/\text{SUM(Confirmed Cases)}$
3. For a pie chart, remember to use the “Show me” panel on the right of the tableau window!
4. In addition to the mock-up there is an example dashboard on the third page.

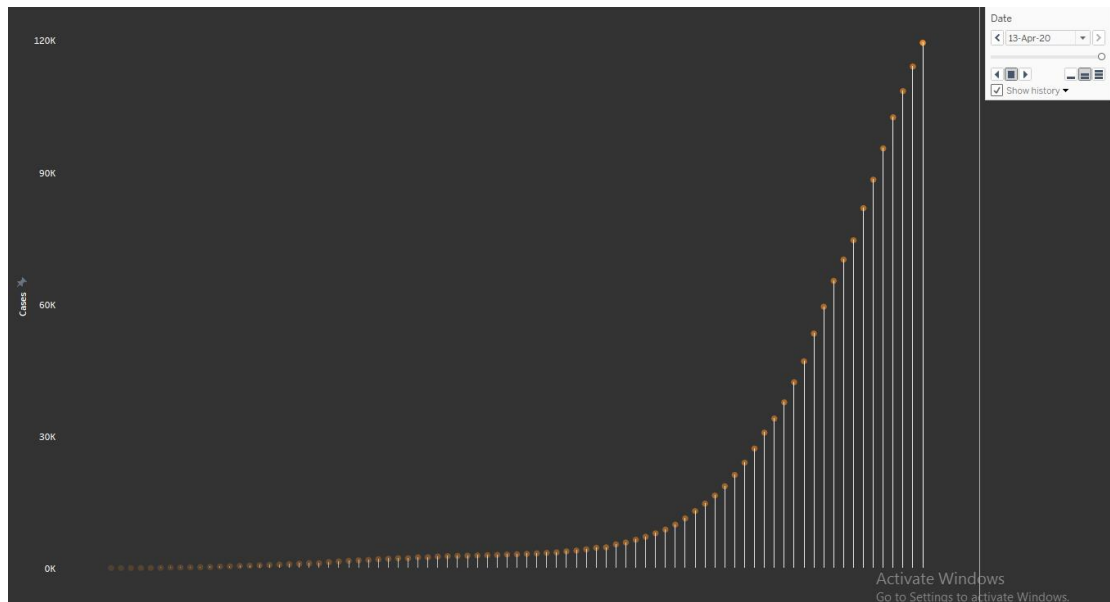
1. We have the total of **1,916,771** confirmed cases as at 13th April, 2020.



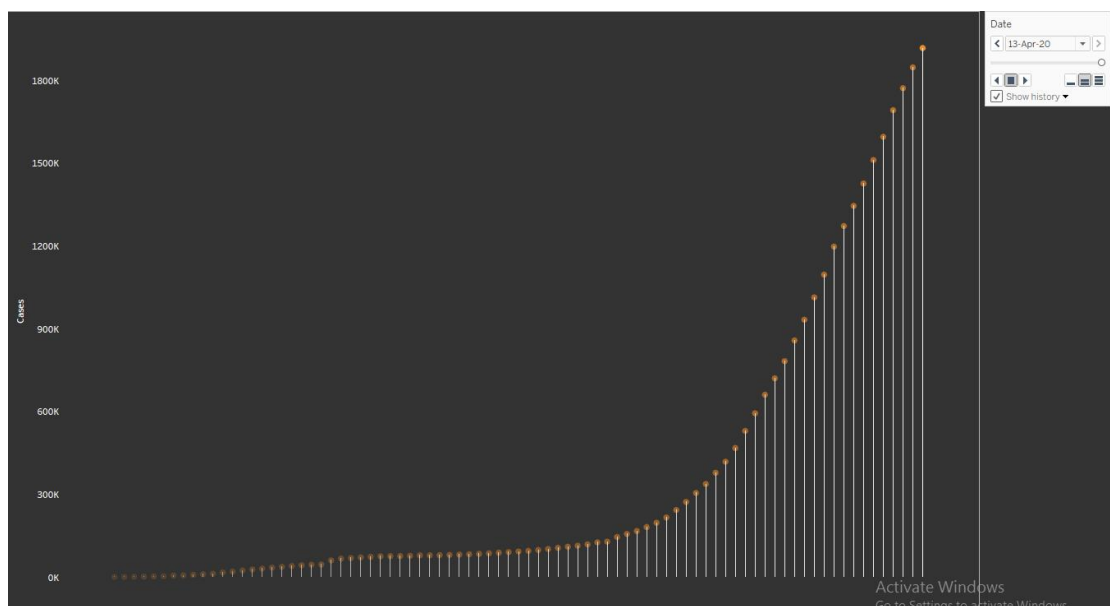
2. We have the total number of **119,473** confirmed **death** cases as at 13th April, 2020.



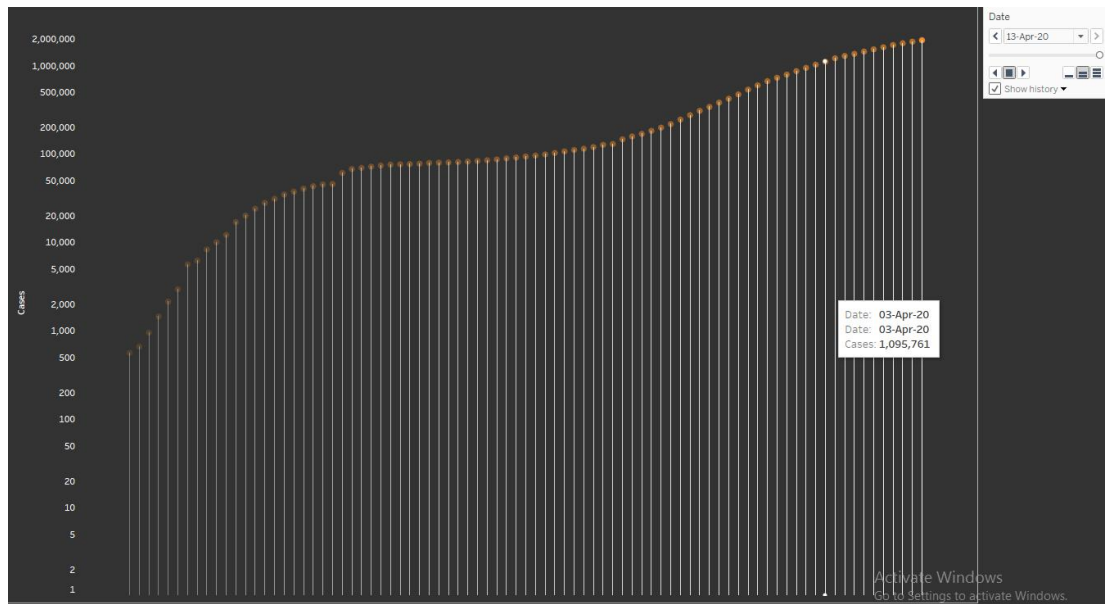
3. Line chart of COVID-19 confirmed case by each day.



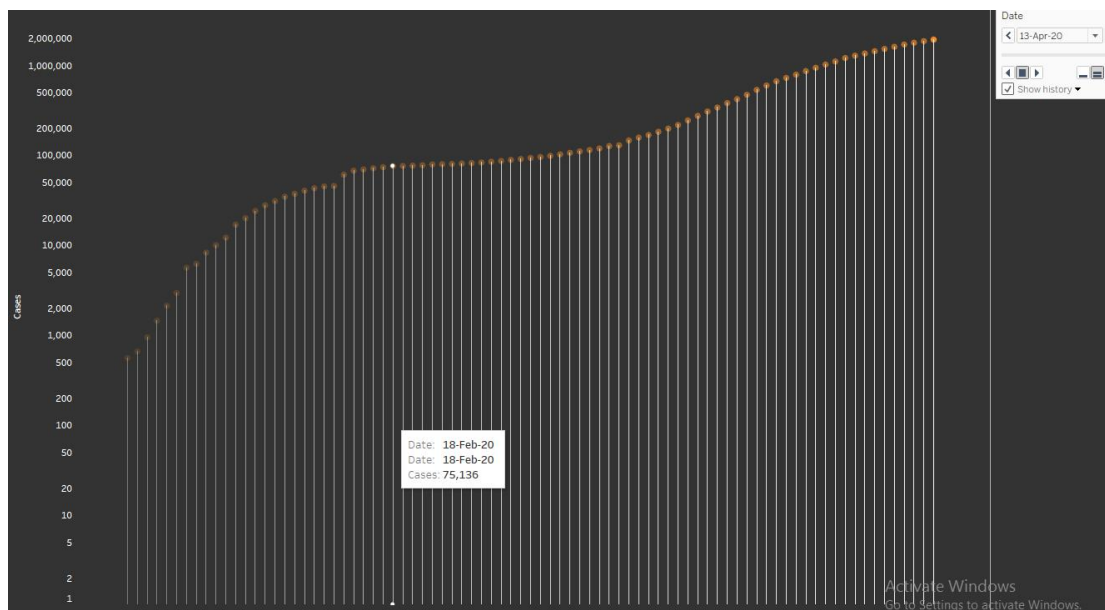
4. Line chart of COVID-19 **Death** case by each day.



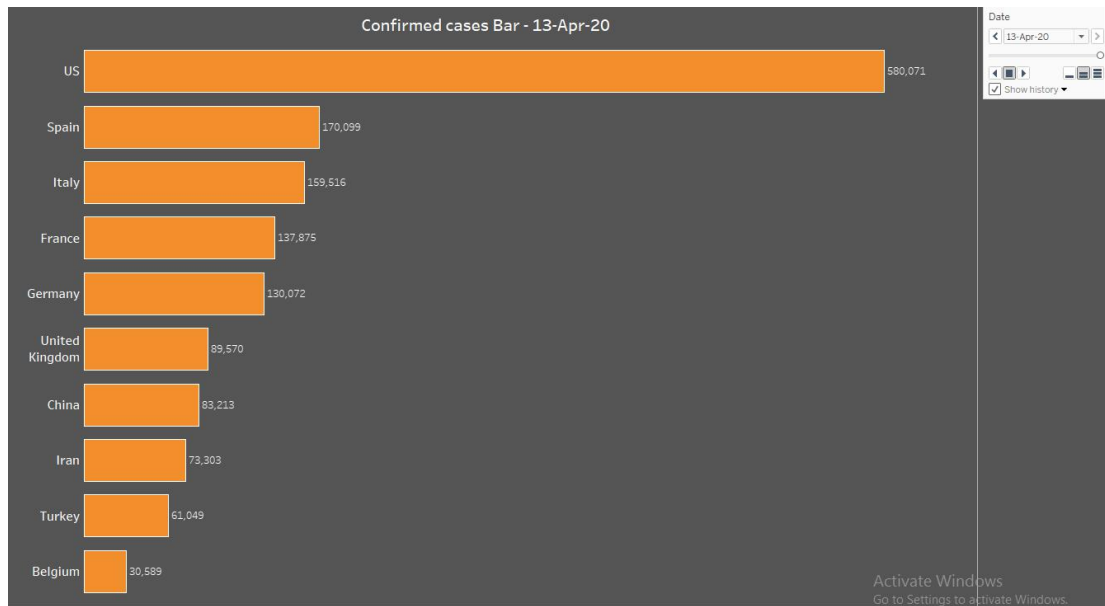
5. Confirmed cases logarithm.



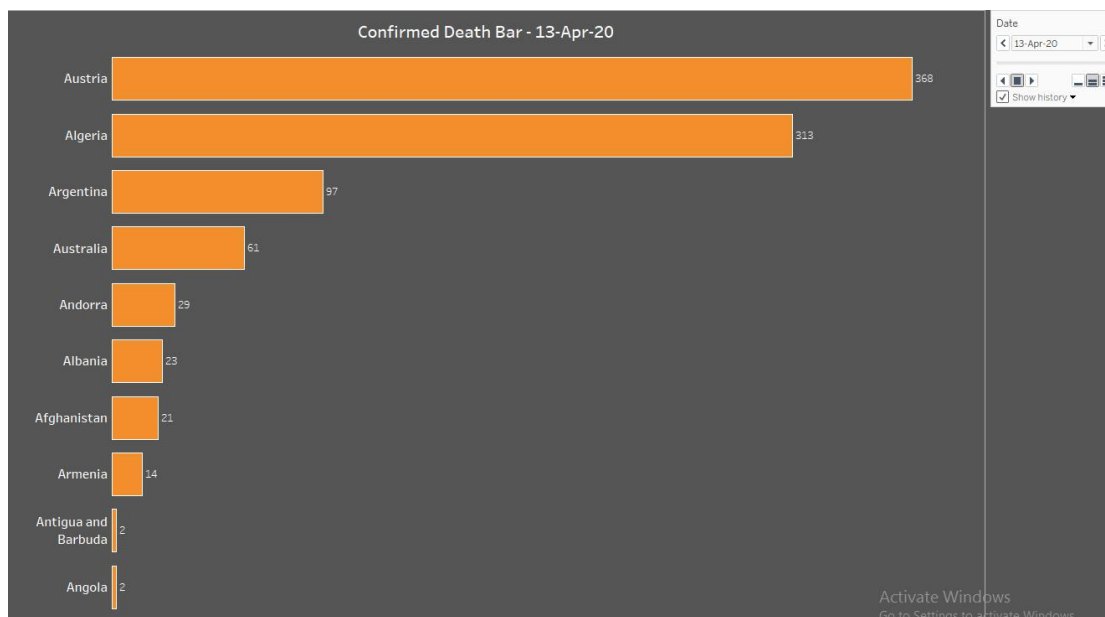
6. Confirmed **Death** logarithm.



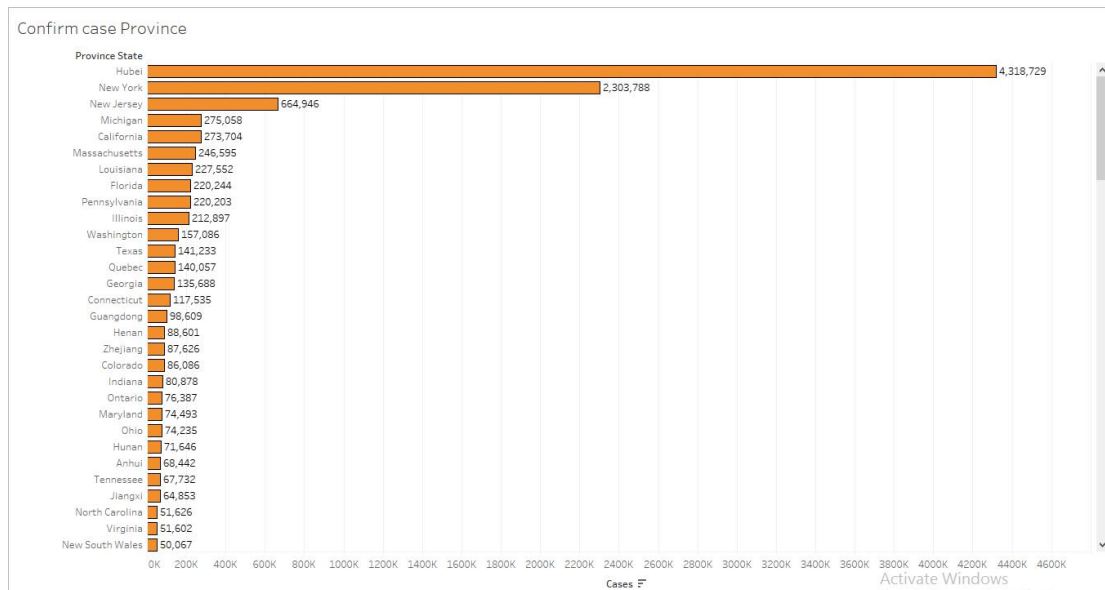
7. Bar chart of TOP 10 HIGHEST Confirmed cases



8. Bar chart of TOP 10 HIGHEST Confirmed **Death** cases



9. Bar chart of highest Confirmed cases by province



COVID-19 DASHBOARD

