Project Brief

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

Now that you have the skill 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

   Note: If there are problems with this data (it's changed or a broken link, please use this copy: https://docs.google.com/spreadsheets/d/1wt3l4--yBMrcQfR_VKAmAvEnW2dyF6h9VE_EXtNEFs4/edit?usp=sharing

2. Make sure you authenticate Tableau in your browser and sign in via a google account.
3. Review the mock up dashboard on the next page. You will need to crate the following:
   a. A headline card representing total cases of the country
   b. A headline card representing total deaths of the country
   c. A headline card representing mortality rate of the country
   d. A line graph showing confirmed cases per day
   e. A line graph showing confirmed deaths per day
   f. A bar chart/line graph showing the mortality rate per day
   g. 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.
5. Upload a screenshot of your dashboard and a link to your Tableau Public dashboard so everyone taking the course can see your work!

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:
$$\frac{SUM(Deaths)}{SUM(Cases)}$$
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.

Happy Tableau Building

COVID-19 DASHBOARD COUNTRY

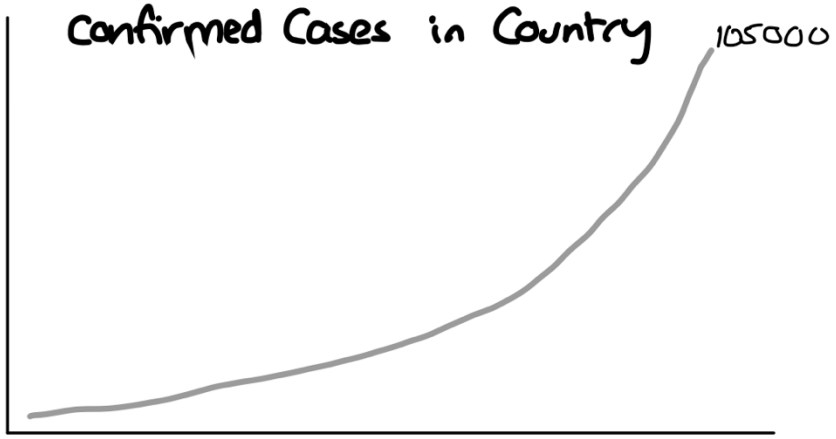
Everything filtered on day = yesterday'.

1 Create a field to count deaths

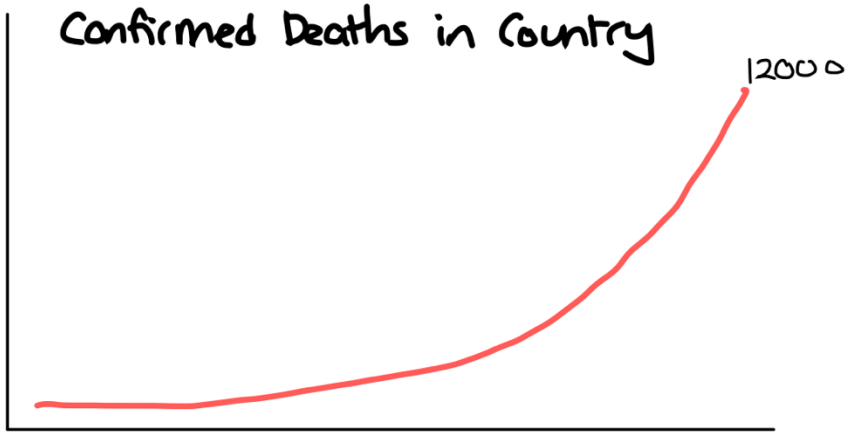
120 000	12000	11%
Total Cases	Total Deaths	Mortality Rate

sum(death) / sum(cases)

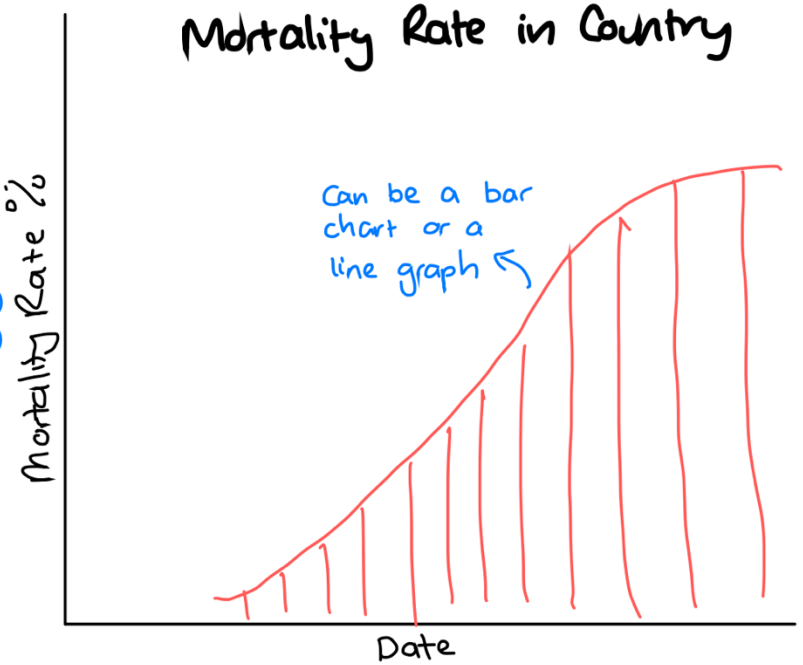
Confirmed Cases in Country



Confirmed Deaths in Country

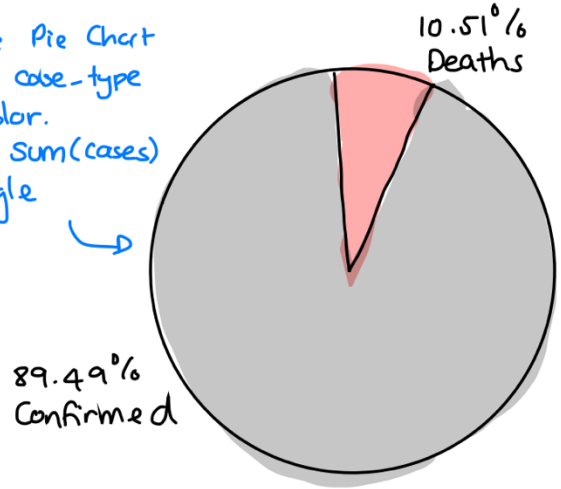


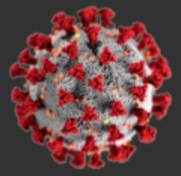
Mortality Rate in Country



Cases Confirmed vs Deaths in Country

1. Choose Pie Chart
2. Add case-type on color.
3. Add sum(cases) on angle

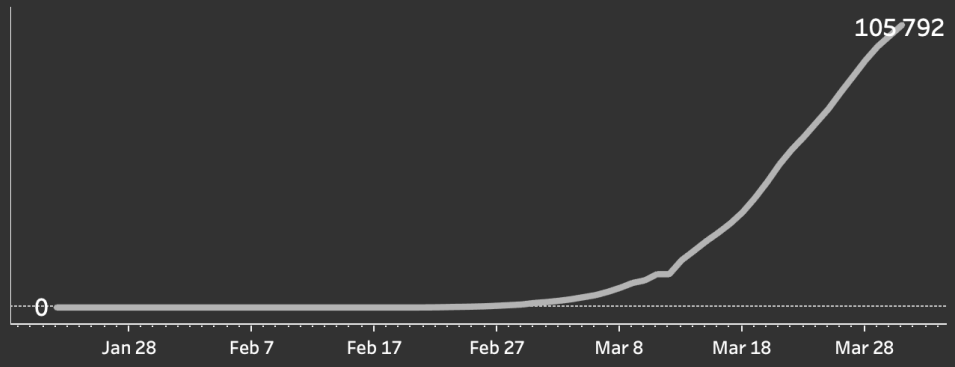




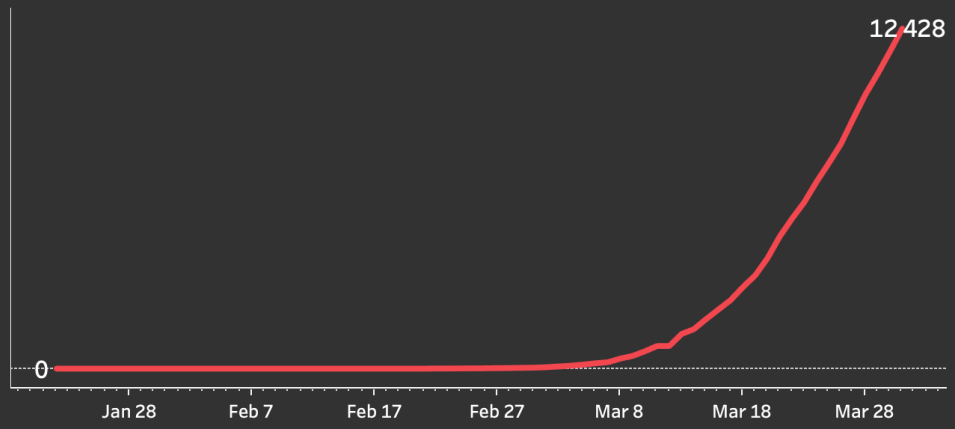
COVID-19 Dashboard ITALY

118 220	12 428	11%
Total Cases	Total Deaths	Mortality Rate

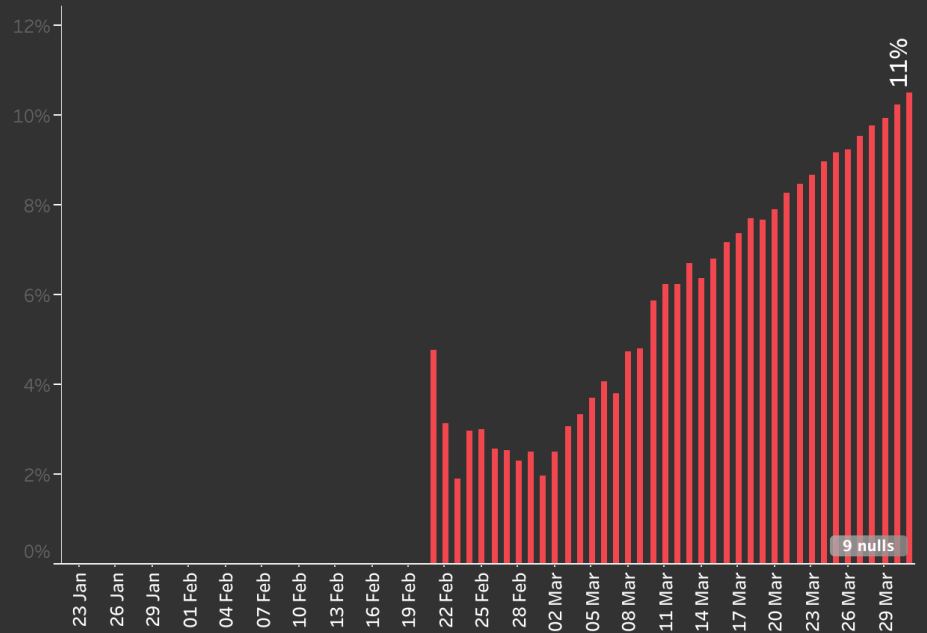
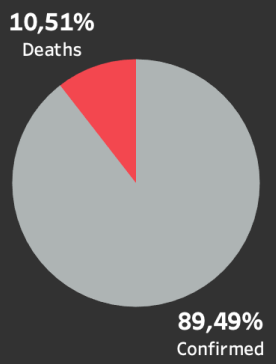
Confirmed Cases in Italy



Confirmed Deaths in Italy



Mortality Rate in Italy



Cases Confirmed vs Deaths in Italy