

Report

The primary objectives of this analysis were:

- 1) To extract the insights of the trend of COVID cases, deaths, and recoveries based on different school status

For this objective we did some EDA which are as under

- Total Confirmed Cases, Total Deaths, Total Recovered cases with all school Status for each Country

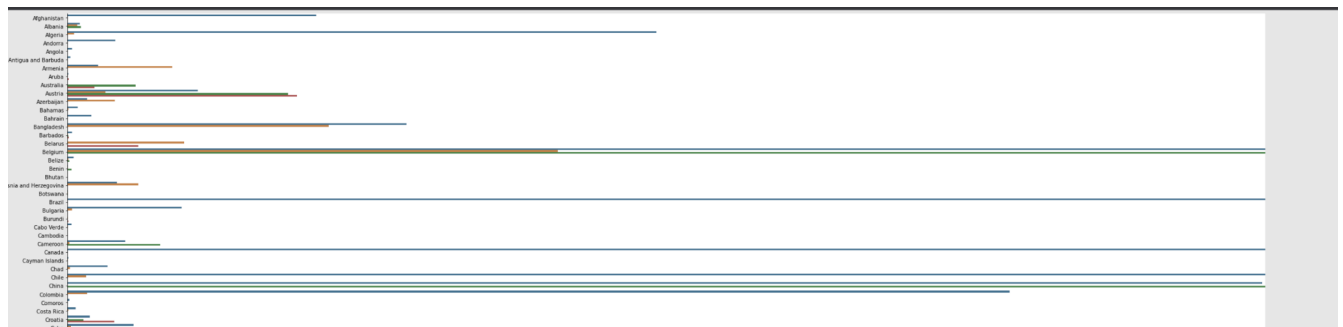
	Country_Name	School_status	Confirmed_Cases	Deaths	recovered
0	Afghanistan	Closed due to COVID-19	1003776	20761	211824
1	Albania	Academic break	30295	797	17479
2	Albania	Partially open	40992	1118	29896

This helps us to analyse the trend of covid situation across globe in a tabular view

- Plotting of Deaths due to COVID including all school status for each country

We can observe in the graph that:

- "Closed due to COVID-19" & "Fully Open" School status can be seen in the graph as the main reason of deaths in most in the countries

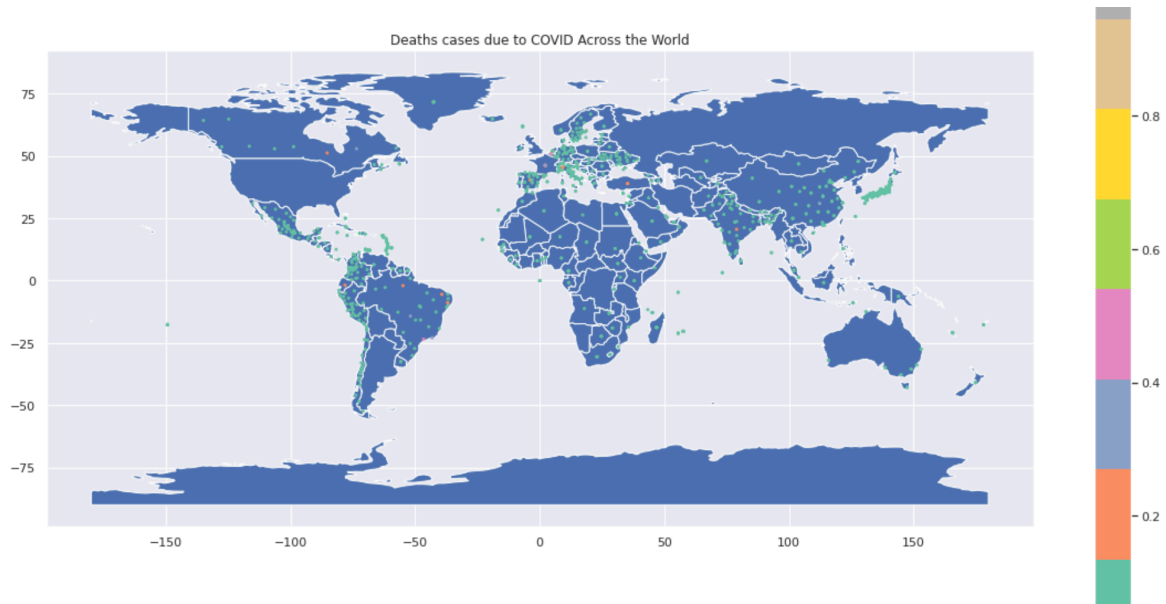


This helps us to analyse the COVID situation across the globe in visual form

- 2) How different countries are affected with the same analysis and what steps we can take to prevent the spread

- Total Confirmed Cases, Deaths and recovered cases including all school status for each country with the long lat for each location

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We can observe in the graph that:

- Mostly COVID Confirmed cases are mainly in South America and Asian region
- Mostly COVID Deaths cases are mainly in South America
- Most COVID Recovered cases are mainly in the US, Europe and India.

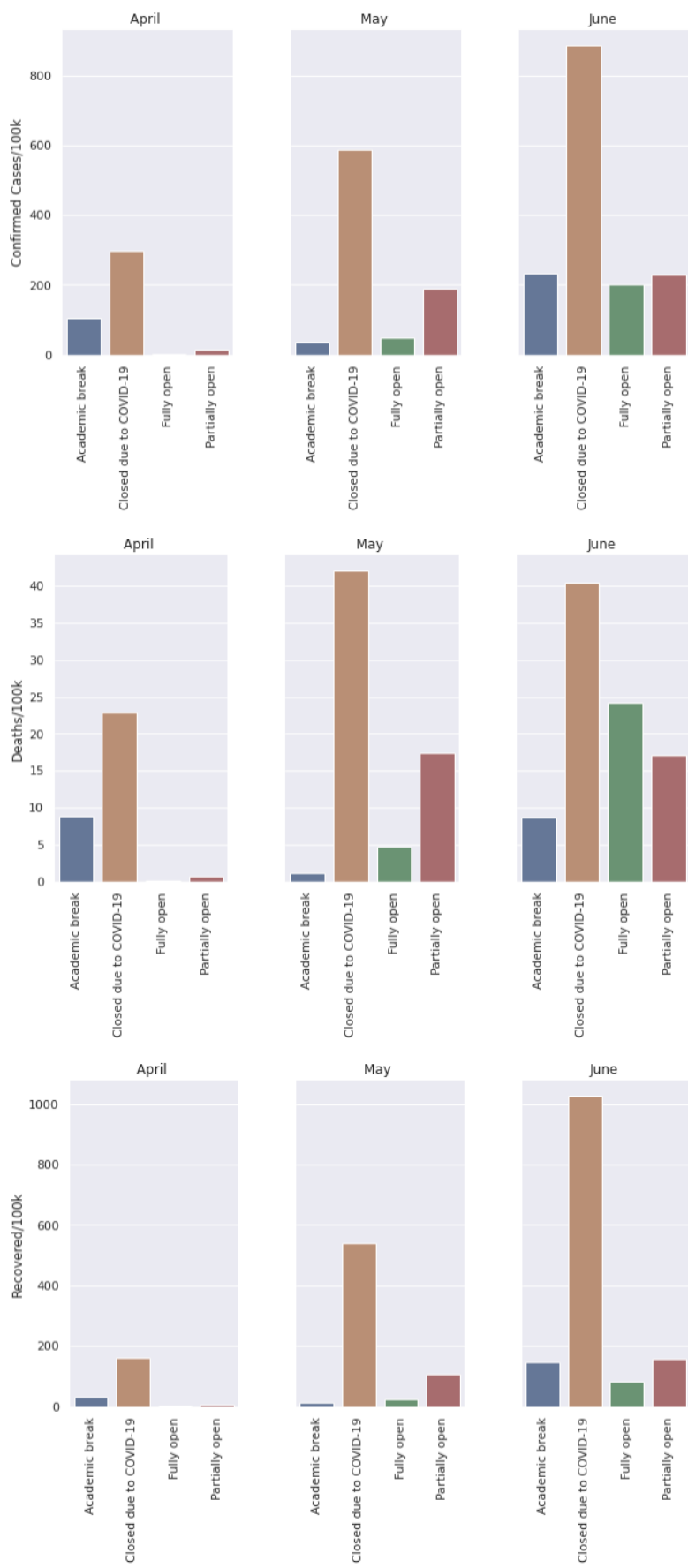
3) How this impact is behaving during time, like analysing if it is constant or varying

- Plotting Total Confirmed Cases, Deaths and recovered cases including all school status for each month

We can observe in the graphs that:

- COVID Confirmed cases are mainly due to **"Closed due to COVID-19"** School Status in all months
- COVID Deaths cases are mainly due to **"Closed due to COVID-19"** School Status in months of April & May and **"Fully open"** & **"Partially open"** School Status in months of April & May
- COVID Recovered cases are mainly due to **"Closed due to COVID-19"** School Status in all months

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Conclusion:

- We have data of 165+ countries with different school status and corresponding COVID situation which helped us to analyse the trend for each country so that we can take actions in future based on previous analysis
- This can also help the state or government of each country to take decisions based on the insights we extracted from this exploratory data analysis
- This analysis will help us to correlate the COVID situation globally