

# The Effects of Covid-19 on Global Macroeconomy

(Final Project)

## Why the topic was selected?

- Uncertainty and impact of the pandemic
- It impacted businesses, organizations, and economies
- We aim to explore how and to what extent it has impacted the countries around the globe

## Description of the Source of Data

Size of data: 211 countries

Columns:

Location, Date, Total Cases, Total Deaths, Stringency Index, Population, GDP Per Capita, Human Development Index.

Source: Mendeley Data

(<https://data.mendeley.com/datasets/b2wvnbnpj9/1>)

## Questions the Team Hopes to Answer With the Data

1. Which countries were most and least affected by Covid-19
2. What income group the countries affected fall into?
3. Is GDP per capita a determinant of cross-country differentials in impact of Covid-19?
4. Is HDI a determinant of cross-country differentials in impact of Covid-19?
5. Is population size a determinant of cross-country differentials in impact of Covid-19?

## Description of the Communication Protocols

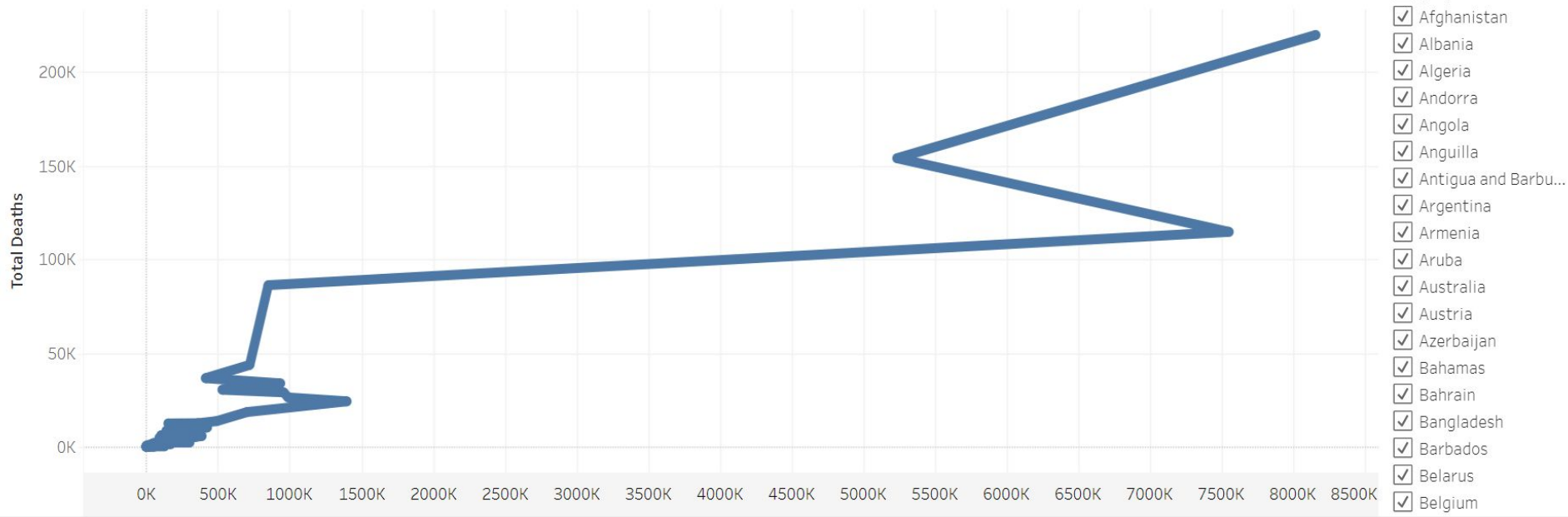
- Slack Group Chat: We have a group chat in Slack that we use as our primary form of contact with each other. We collaborate effectively here because we are able to ask questions when they arise, share meaningful ideas, split tasks and give criticisms when needed. Its also the best way to give reminders for the project, if we feel the need to bring up an idea or a reminder that may be beneficial to the team, we communicate that through this group chat. It is very open for all team members and is the best strategy in making sure that we are all engaged with one another.
- Zoom Meetings: We set up 1hr Zoom meetings twice a week, every Thursdays and Saturdays, where we get to dive deeper into the requirements of the project. Here we get the chance to address issues and check in on everyone's progress. We are able to talk freely on our strengths and weaknesses on the project and collaborate together to help one another. We also get to share feedback on each person's deliverable and provide recommendations on areas of improvement.

# Analysis via Visualizations

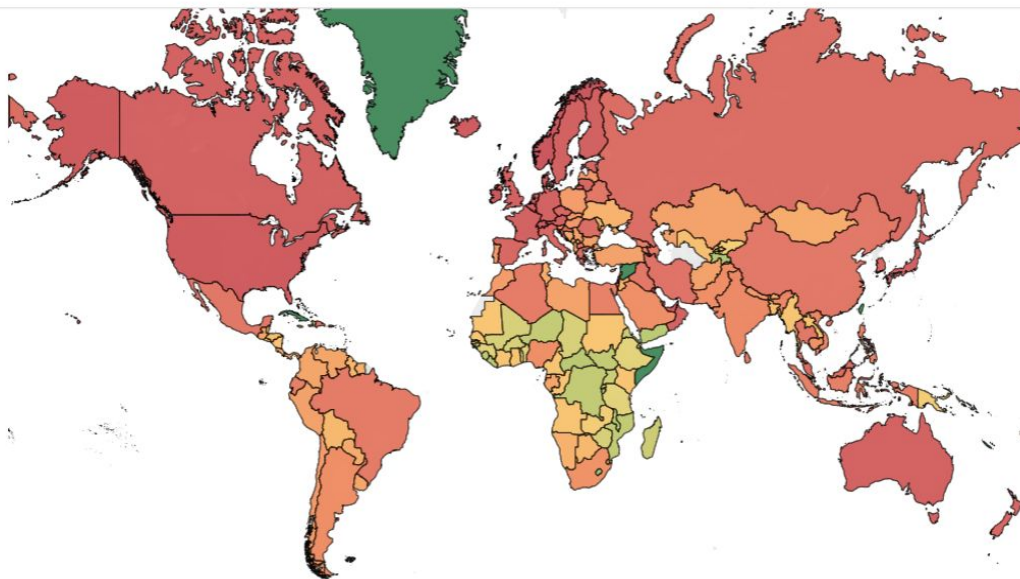
Covid Analysis by [sesan](#)



GRAPH SHOWING THE TOTAL CASES AGAINST TOTAL DEATHS



## FILTERING MEASURED BY COUNTRY LOCATION



### Measure Names

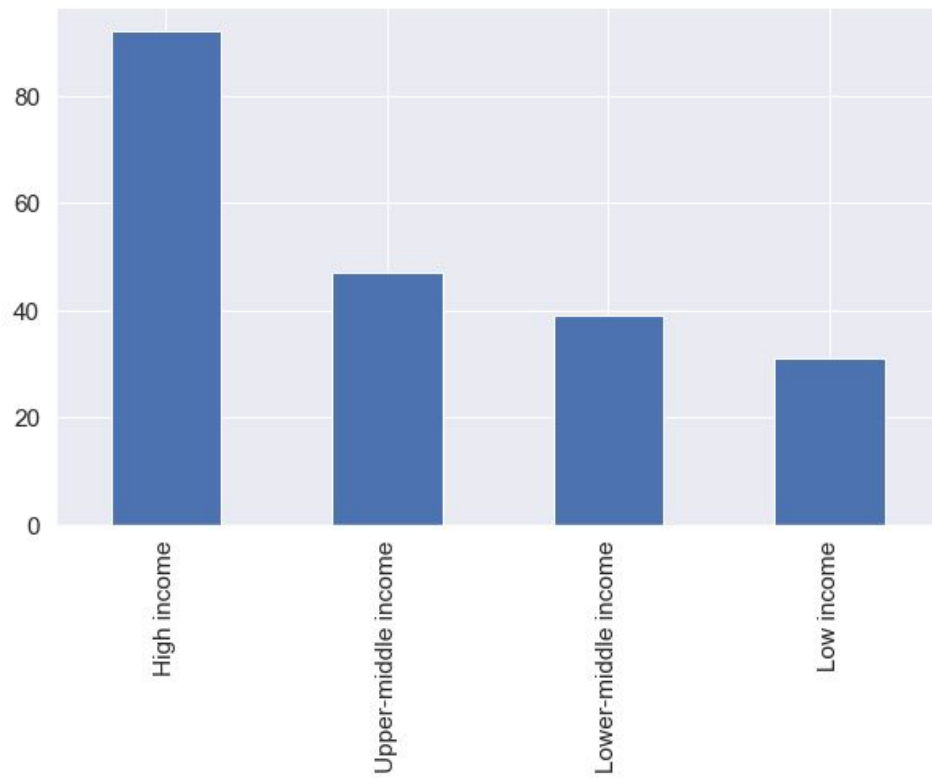
- ☐ (All)
- ☐ Count of cleaned\_...
- ☐ Gdp Per Capita
- ☒ Gdpcap
- ☐ HDI
- ☐ POP
- ☐ Population
- ☐ STI

### Location

- ☒ (All)
- ☒ Afghanistan
- ☒ Albania
- ☒ Algeria
- ☒ Andorra
- ☒ Angola
- ☒ Anguilla
- ☒ Antigua and Barbu...

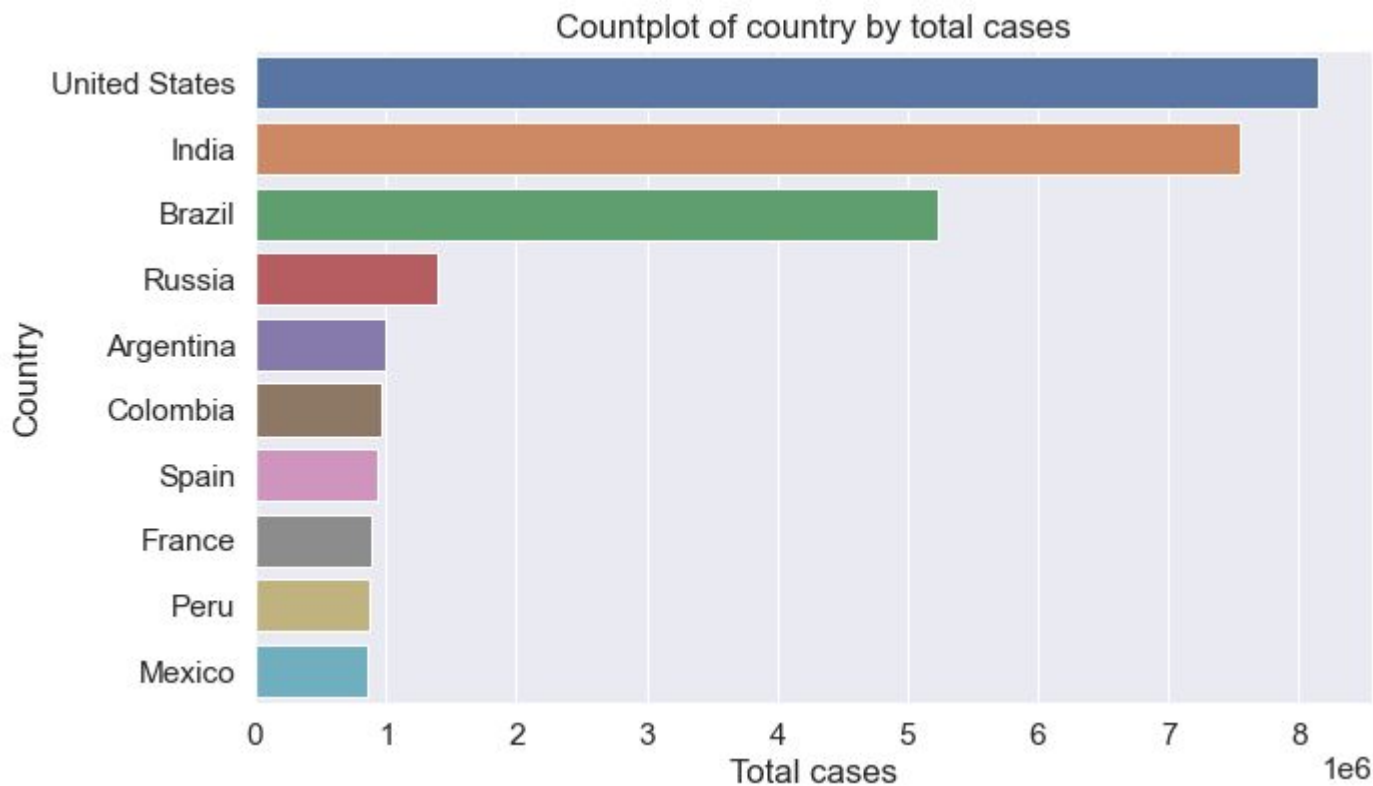
### Measure Values

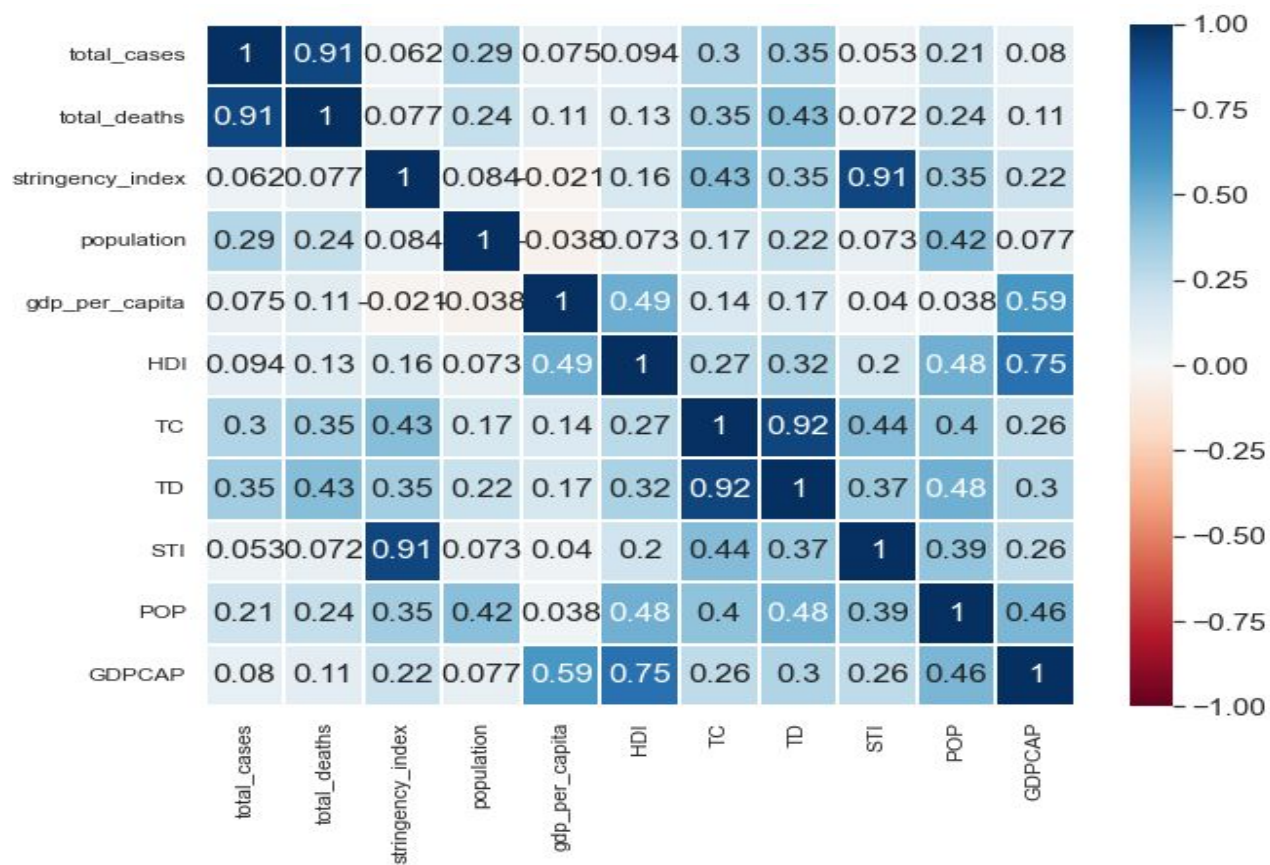




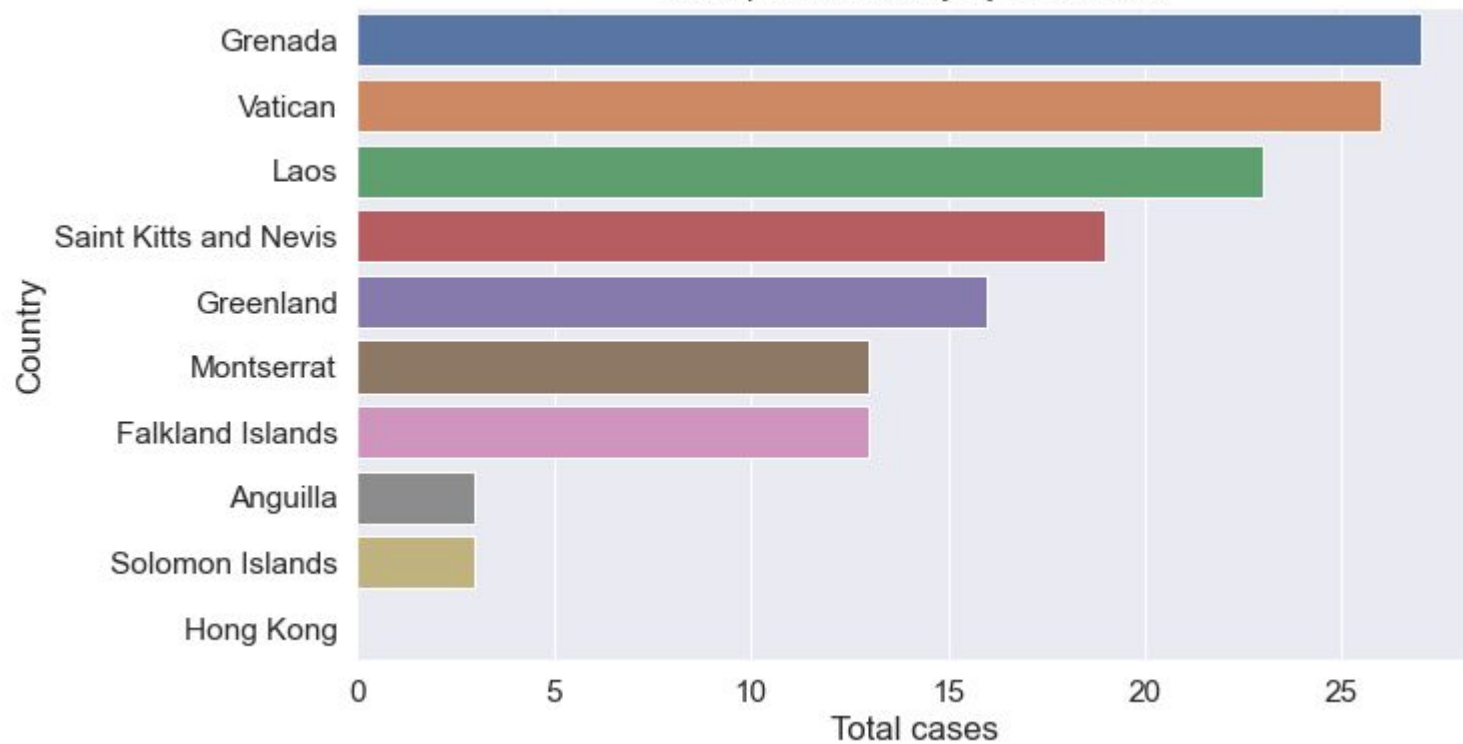


# Countplot of Country by Total Cases





Countplot of country by total cases



## FILTERING MEASURED BY COUNTRY LOCATION







