

# ANALYSIS OF COVID-19 IMPACTS ON GLOBAL ECONOMY

The outbreak of Covid-19 resulted in a lot of restrictions which resulted in so many impacts on the global economy. Almost all the countries were impacted negatively by the rise in the cases of Covid-19.

The first wave of Covid-19 impacted the global economy as the world was never ready for the pandemic. It resulted in a rise in cases, a rise in deaths, a rise in unemployment, and a rise in poverty, resulting in an economic slowdown.

So here I am analysing the spread of Covid-19 cases and all the impacts of covid-19 on the economy.

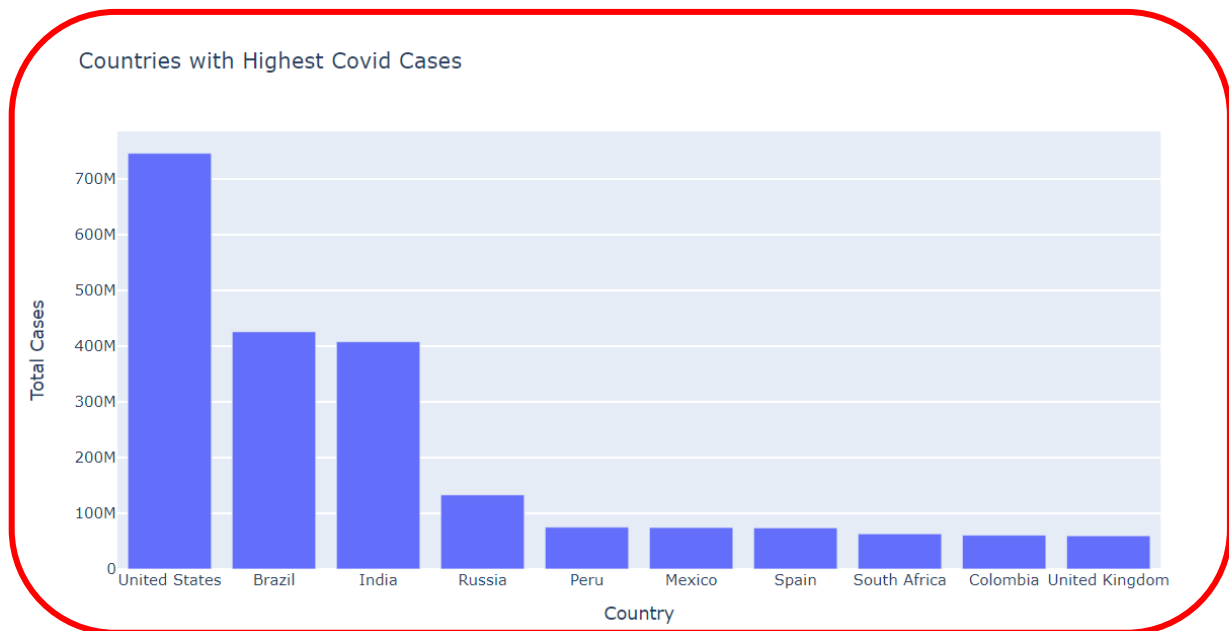
The dataset I am using to analyse the impacts of covid-19 contains data about:

- the country code
- name of all the countries
- date of the record
- Human development index of all the countries
- Daily covid-19 cases
- Daily deaths due to covid-19
- stringency index of the countries
- the population of the countries
- GDP per capita of the countries

So here for my Analysis I mainly Concentrated on Top 10 Countries which were immensely affected by the Pandemic.

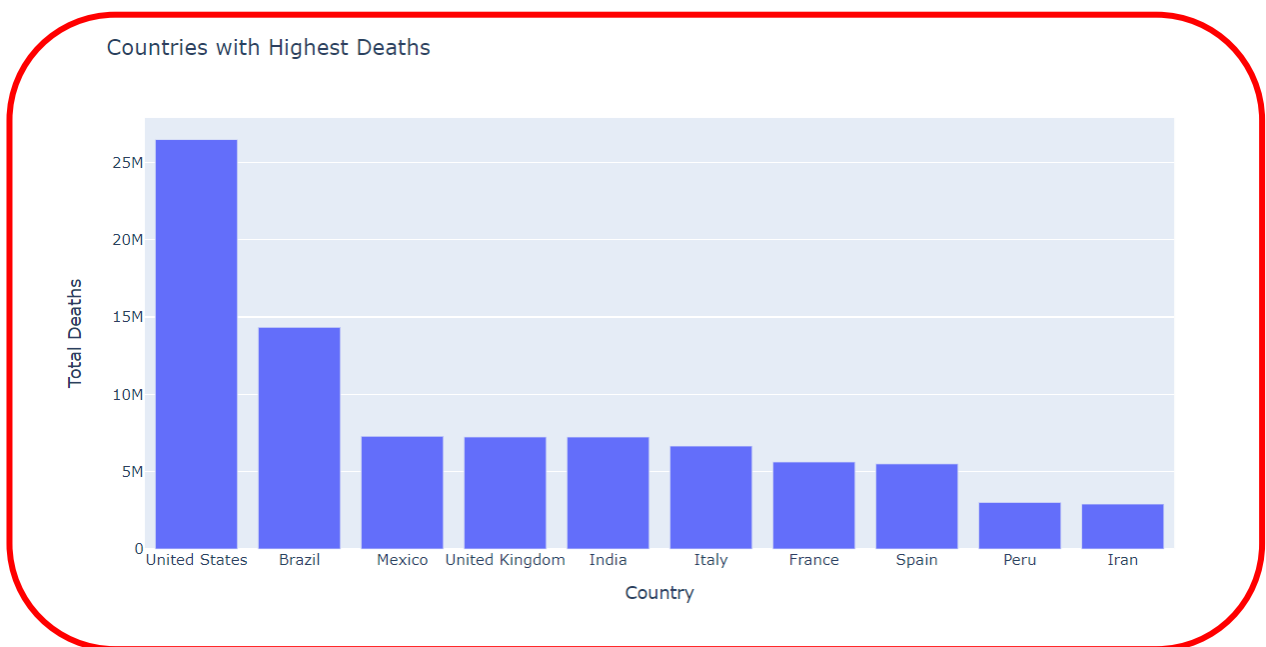
So my First part of Analysis on,

## Top 10 Countries with Highest Covid Cases

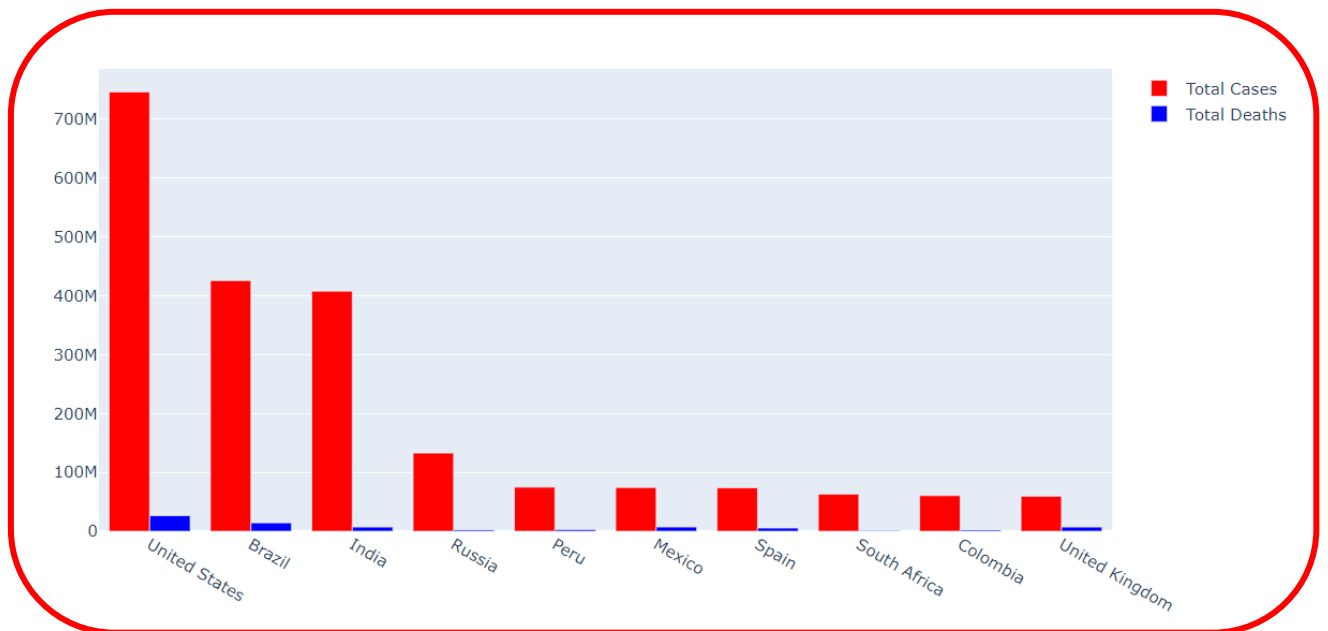


In this Chart it is clear that the USA is comparatively having a very high number of covid-19 cases as compared to Brazil and India in the second and third positions.

## Total number of deaths among the countries



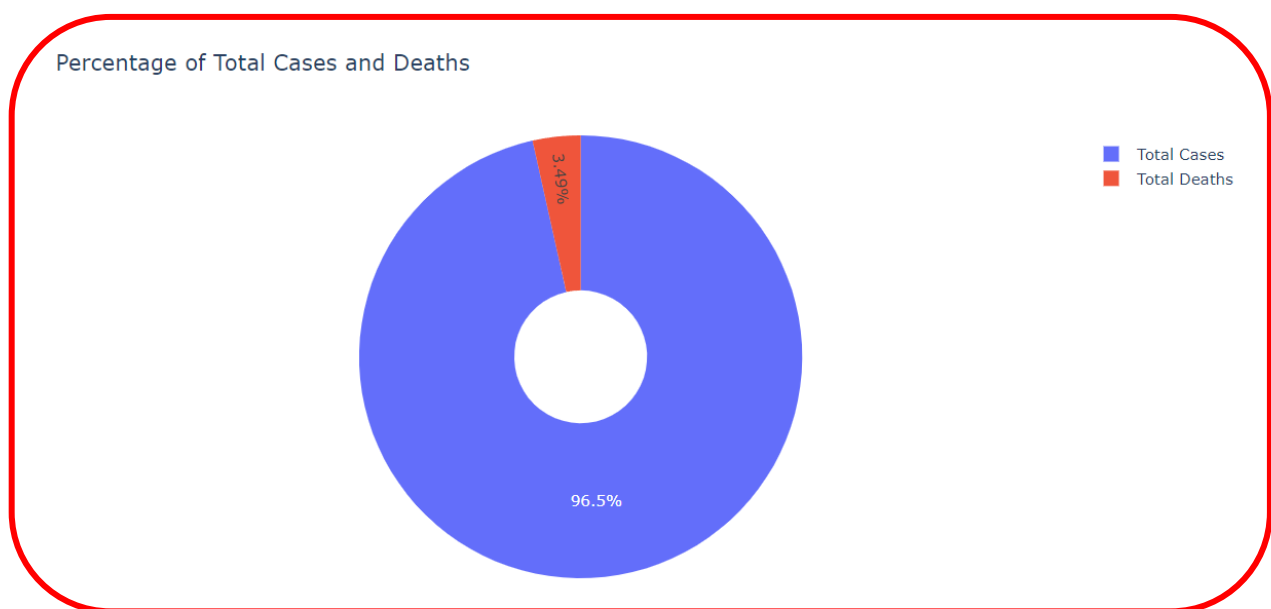
The above charts shows the detail of total death amongs the Countries.



This Chart shows that how many cases was there and in that how many death cases were there.

Just like the total number of covid-19 cases, the USA is leading in the deaths, with Brazil and India in the second and third positions. One thing to notice here is that the death rate in India, Russia, and South Africa is comparatively low according to the total number of cases

## Percentage of total deaths and total cases among all the countries with the highest number of covid-19 cases

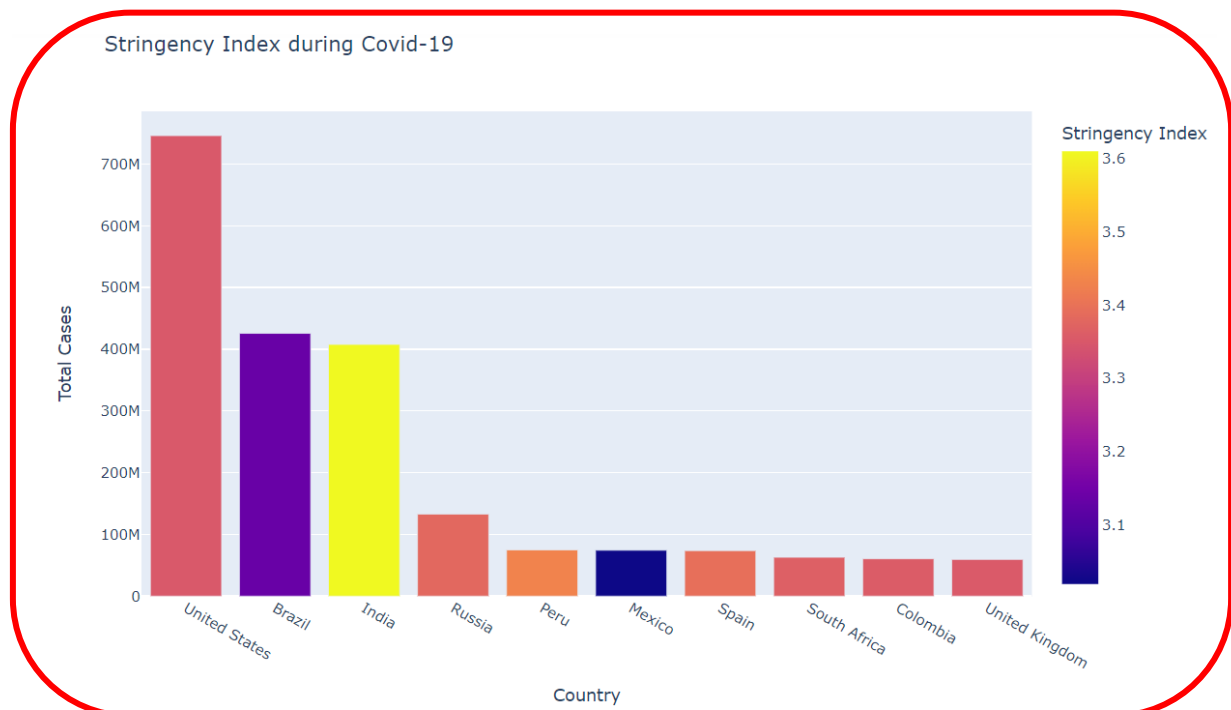


Here I plotted a pie chart using my data which show case the Death percentage Compare to the Cases

By seeing this chart we can conclude that death rate is quite low when compared to total Covid-19 cases.

In this Analysis I concentrated on stringency index.... So what is stringency index?

**Stringency index** is a composite measure of response indicators, including school closures, workplace closures, and travel bans. It shows how strictly countries are following these measures to control the spread of covid-19



By seeing this chart we can conclude that India's Stringency Index was quite good compared to other countries and Mexico's Stringency Index is Low.

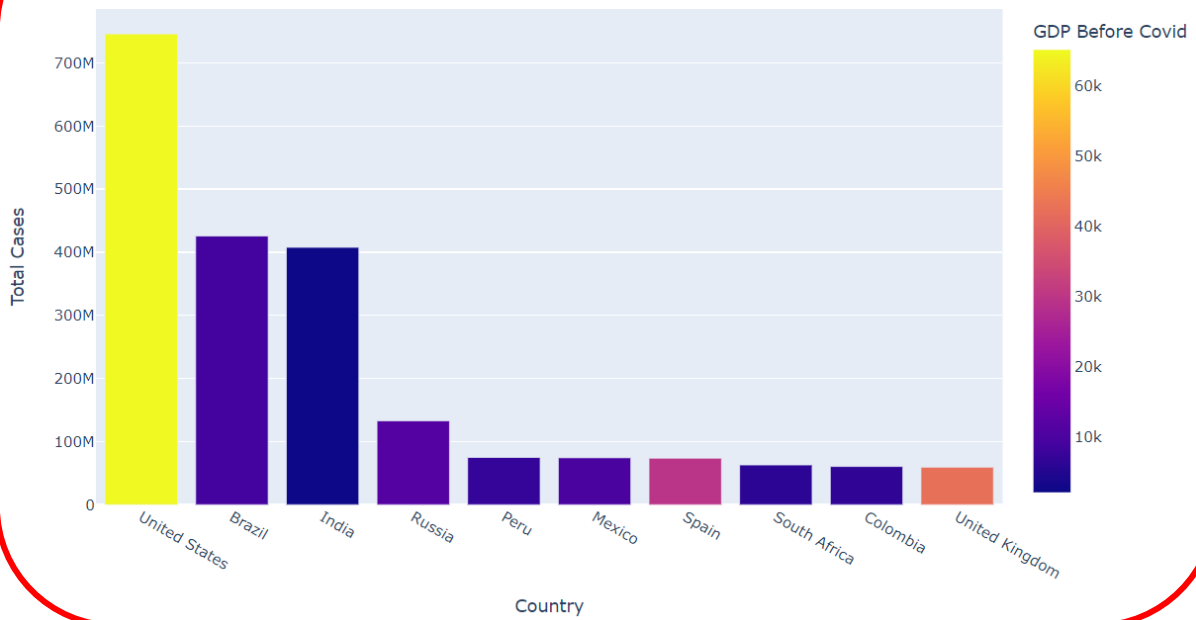
## Analysing Covid-19 Impacts on Economy :

Here the GDP per capita is the primary factor for analysing the economic slowdowns caused due to the outbreak of covid-19.

And below I will show the Chart of GDP per Capita Before and During the Pandemic.

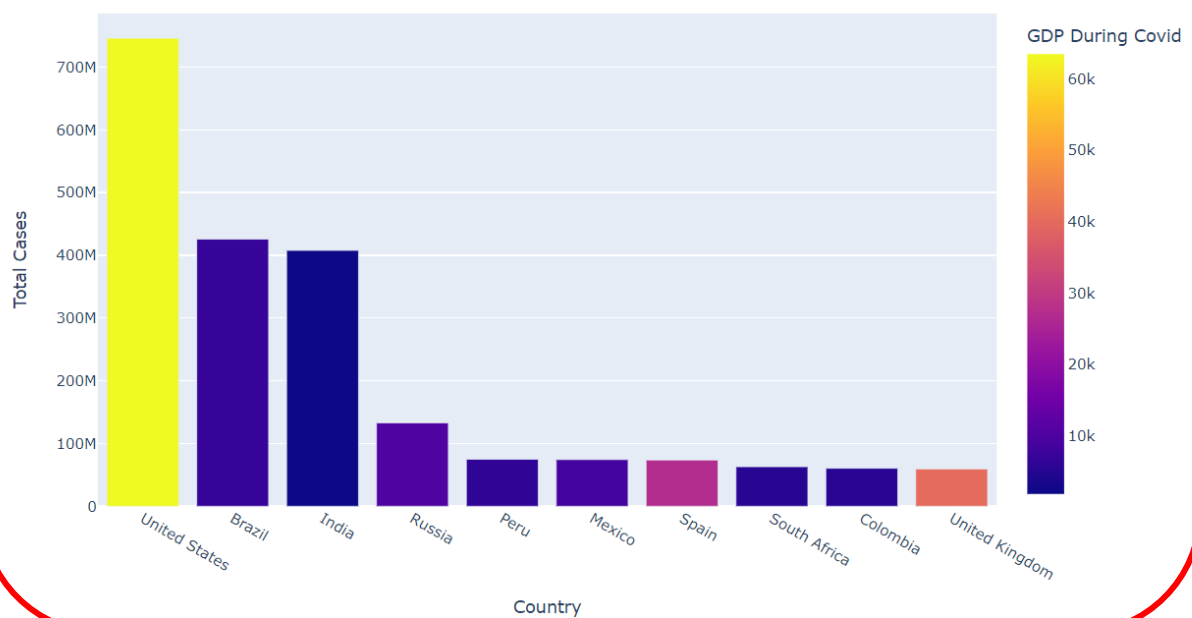
### GDP Per Capita Before Covid-19

GDP Per Capita Before Covid-19

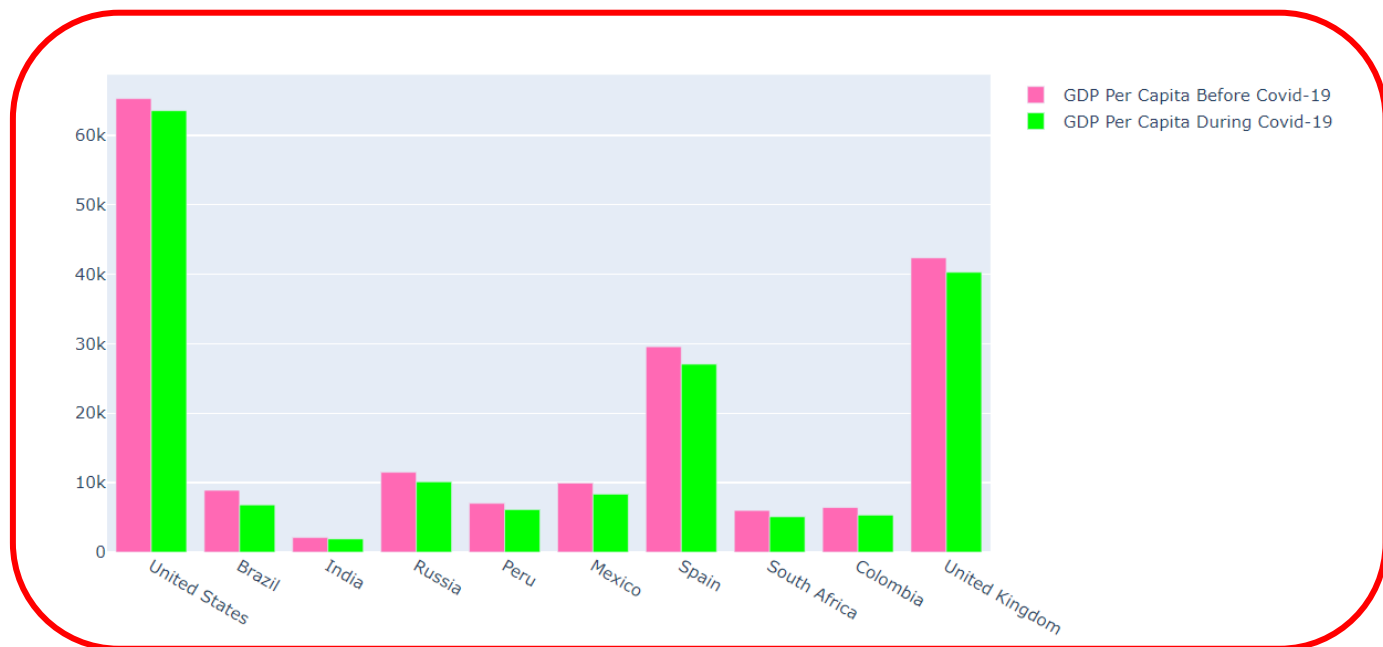


## GDP Per Capita During Covid-19

GDP Per Capita During Covid-19



## GDP Per Capita Before and During Covid-19

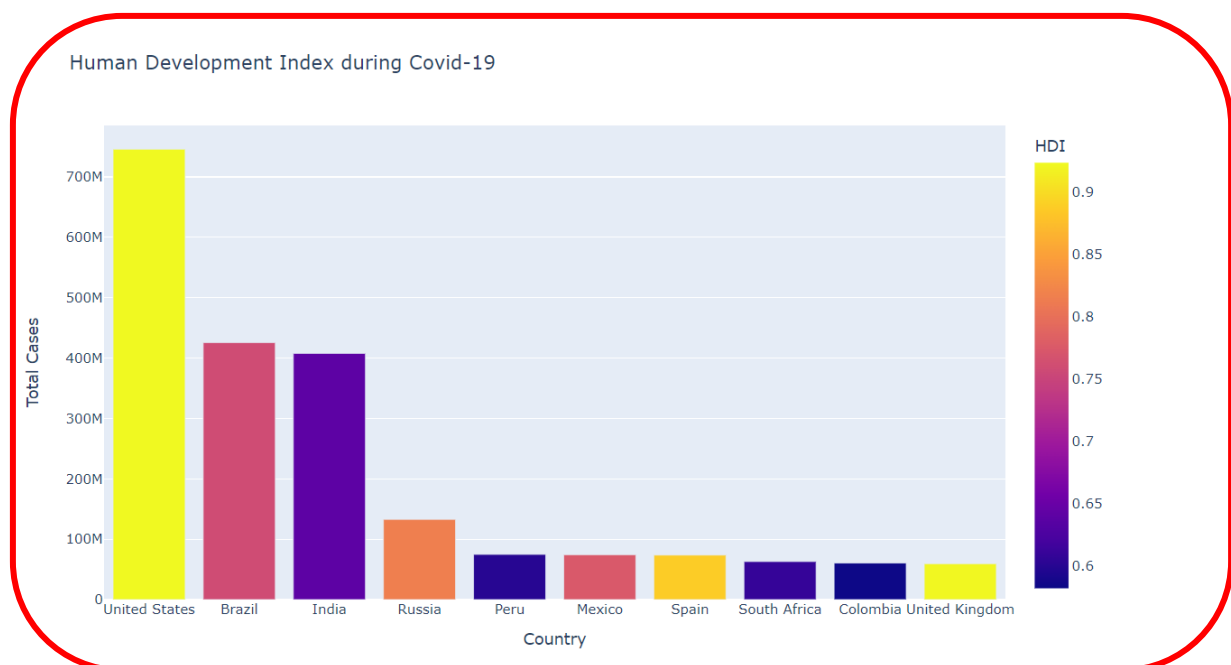


As per these charts each and Every Countries Economy has been Immensely Effected by the Pandemic, as shown in chart During covid-19 GDP of all Countries has been collapsed.



## Human Development Index:

From Human Development Index chart we can analyse that how the countries were dedicated their budget on Human Development , in the sense in the period of Pandemic how countries dedicated their budget on growth of Education, Medications, GDP etc



So by looking this above chart United States and Brazil has the good Human Development index and they have worked very well on Human Development compared to other Countries.

## **CONCLUSION:**

As per my analysis i saw that the outbreak of covid-19 resulted in the highest number of covid-19 cases and deaths in the United states. One major reason behind this is the stringency index of the United States. It is comparatively low according to the population. In this Analysis i also analysed how the GDP per capita of every country was affected during the outbreak of covid-19.