

## EXP 3. Disease Spread Data Report

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Dataset	Disease Spread
Experiment no.	3

### Dataset link-

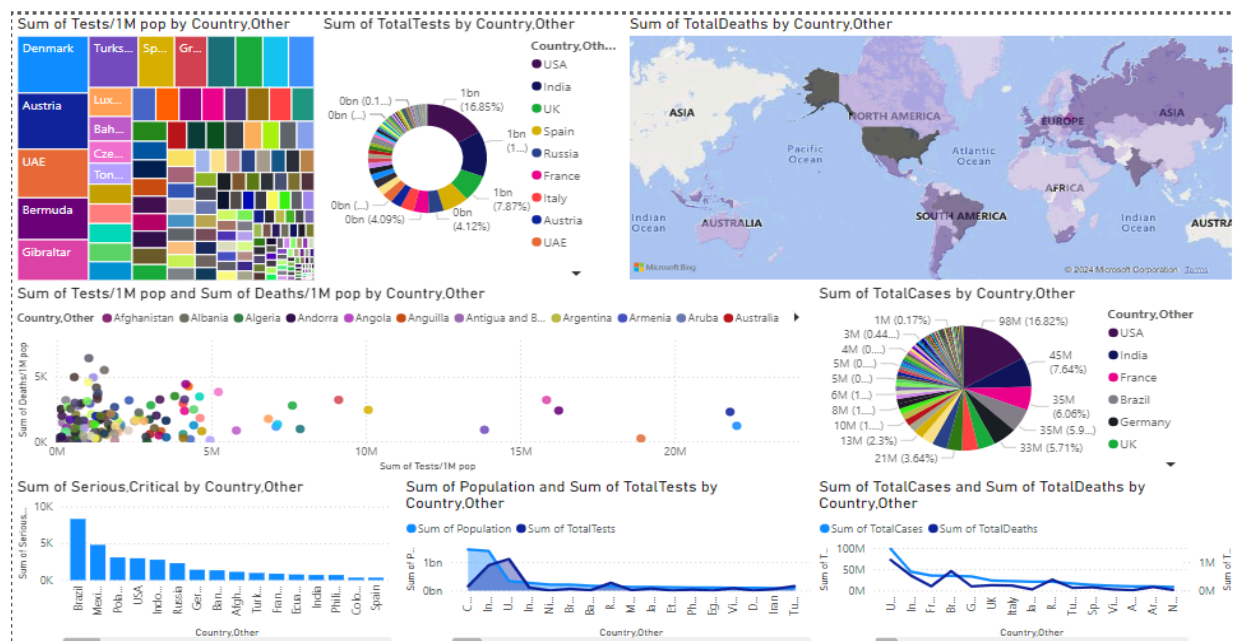
<https://www.kaggle.com/datasets/whenamancodes/covid-19-coronavirus-pandemic-dataset>

### Dataset Description-

2019 Novel Coronavirus (2019-nCoV) is a virus (more specifically, a coronavirus) identified as the cause of an outbreak of respiratory illness first detected in Wuhan, China. Early on, many of the patients in the outbreak in Wuhan, China reportedly had some link to a large seafood and animal market, suggesting animal-to-person spread. However, a growing number of patients reportedly have not had exposure to animal markets, indicating person-to-person spread is occurring. At this time, it's unclear how easily or sustainably this virus is spreading between people - CDC

This dataset has information on the number of affected cases, deaths and recovery from 2019 novel coronavirus. Please note that this data was scraped from <https://www.worldometers.info/coronavirus/>. This data is solely for education purposes only.

### Report-



What can be inferred from the shaded map?

The shaded map shows the countries with the sum of the total deaths in the countries with the darker shade indicating more deaths.

What can be inferred from the tree map?

The tree map shows the sum of tests per million population by country, it shows that countries like Denmark and Austria who despite not having a large population have higher test per million.

What can be inferred from the donut graph?

The donut graph shows the sum of total tests by countries, it shows that the USA, India and UK are the top countries in the number of total tests.

What can be inferred from the scatter plot?

The scatter plot shows the sum of death per million against the sum of tests per million, it shows more tests resulted in less death.

What can be inferred from the bar graph?

The bar graph shows the sum of serious or critical cases by countries, the countries like Brazil, Mexico and Poland have shown to be the highest rate of critical cases.

What can be inferred from the area graph?

The area graph shows the value of population and sum of total test by country.

What can be inferred from the pie diagram?

The pie diagram shows the sum of total cases, it shows the USA, India and France has the highest number of cases.