**Number games of COVID-19**

* **In the guidance of,**

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* **Data files used:**

1. time\_series\_covid19\_recovered\_global.csv
2. time\_series\_covid19\_deaths\_global.csv
3. time\_series\_covid19\_confirmed\_global.csv

* **References:**

1. www.WHO.com
2. [www.kaggle.com](http://www.kaggle.com)
3. www.Worldmeters.info

PURPOSE OF THE RESEARCH TOPIC STUDY:

The project is about statistical approach towards the numbers came out of aftermath of COVID-19 globally. The first problem statement gives the names of the countries which are not feasible for students who are aspiring for the internships and jobs around the globe. This problem statement is the one stop solution for the folks which are aiming to go in various countries for jobs and internships but worried about the situation in that country of COVID-19. Second problem statement is about the top 15 countries by the age group where students cannot go. This problem statement provided the solution where the age wise data is displayed. That’s how project works.

The last problem statement is about the average number of days taken by any country to cross the red line of danger. This will help people to understand the present-day scenario of those countries effected by COVID-19. The things covered under this project.

1. Age-wise distribution of stats of damage and work done against Corona Virus.
2. The data of recovery. (globally. Country wise)
3. The data of fatality. (globally. Country wise.)
4. The average of days taken to cross danger mark. (state wise)

This is how the project will help the people to understand and analyse the situation of any country of COVID-19. This project will throw light upon the damage done by COVID-19 and work done against it.

2. Important observation under this project.

Although the project has given a brief knowledge of the numbers of recovered/ died/ confirmed cases in each geographical location; it gives us a unique outlook of the following important observations.

1. Europe is badly affected by COVID-19.
2. The major countries affected by COVID-19 are U.S.A., Spain, China and Italy.
3. Although population density of India is way more than other countries; India is very lightly affected by COVID-19.
4. Significant country with least amount of deaths is Japan. And USA is the country with the greatest number of deaths.
5. Wuhan region (group of three states) is the starting point of COVID-19.
6. Almost 122 countries out of 194 have crossed the danger mark of 2% of the death growing rate.
7. USA and Spain should be the least preferable countries by the students aspiring for internships or jobs.

3. data files used for the project.

Although lot of reliable sources are available on the internet for statistics of the strike COVID-19 has done globally; here are the data files along with their source.

1. file: covid\_19\_data.csv

Source: [https://www.kaggle.com/sudalairajkumar/novel-corona-virus-2019- mntaset#time\_series\_covid\_19\_confirmed.csv](https://www.kaggle.com/sudalairajkumar/novel-corona-virus-2019-%20%20%20mntaset#time_series_covid_19_confirmed.csv)

2. file: covid\_19\_list\_19\_data.csv

Source: <https://www.kaggle.com/sudalairajkumar/novel-corona-virus-2019-dataset#time_series_covid_19_confirmed.csv>

3. file: covid\_19\_open\_list\_data.csv

Source: <https://www.kaggle.com/sudalairajkumar/novel-corona-virus-2019-dataset#time_series_covid_19_confirmed.csv>

4. file: time\_series\_covid\_19\_confirmed.csv

Source: <https://www.kaggle.com/sudalairajkumar/novel-corona-virus-2019-dataset#time_series_covid_19_confirmed.csv>

5. file: time\_series\_covid\_19\_deaths.csv

Source: <https://www.kaggle.com/sudalairajkumar/novel-corona-virus-2019-dataset#time_series_covid_19_confirmed.csv>

6. file: time\_series\_covid\_19\_recovered.csv

Source: <https://www.kaggle.com/sudalairajkumar/novel-corona-virus-2019-dataset#time_series_covid_19_confirmed.csv>

4. Data types used in the project.

|  |  |
| --- | --- |
| Data type | occurrence |
| string | 1,2,3 |
| array | 1,3 |
| list | 1,2,3 |

5. Final result and conclusion.

By this project we come to know about the harms done by COVID-19 virus and the outcome of effective strategies undertaken by the authorities at various levels around the countries of the globe. This project is dedicated on the prominent countries like USA, Spain, Australia, Italy, Japan, India China. Henceforth the user (student) aspiring for internships and jobs in these prominent countries will get informed about the position of COVID-19 namely damage, recovery, deaths and confirmed cases in that prominent country. The death growing rate in the first problem statement gives information about the trends of the penetration of this harmful virus in certain area.

