**TOPIC : COVID 19**

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**problems selected**

1. Identity the countries as HIGH RISK TRAVEL destination countries for Internship or Project work for next two years.
2. Identity the TOP FIFTEEN(15) countries as HIGH RISK Age Group Countries for Study.

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3.1 Find out the Average number of days it took for a confirmed case to turn to a death state in any country. Which country took the maximum number of days?

3.2 Find out the Average number of days it took a confirmed case to turn to a recovery state in any country . Which country took the maximum number of days?

Data files used

1. Readme ->text file
2. Actual code->covid19.py
3. Data files
4. Total data->covid\_global.txt
5. Age wise data->cov\_dat.txt

References

1. [**https://github.com/CSSEGISandData/COVID-19**](https://github.com/CSSEGISandData/COVID-19)
2. [**https://github.com/datasets/covid-19/tree/master/data**](https://github.com/datasets/covid-19/tree/master/data)
3. [**https://www.statista.com/topics/6066/coronavirus-covid-19-outbreak-in-singapore/**](https://www.statista.com/topics/6066/coronavirus-covid-19-outbreak-in-singapore/)

**Purpose of research topic study**

In the beginning of year 2020 we encountered one of the biggest pandemic hitting the world . we saw how corona virus(covid 19)

Has caused damage to the world. Now we can see large number of human casualty and total struck down of economy of the nations.

Our research topic is based on making a program by using available data to provide info to people about how it is affecting different areas and which places are high risking . we have provided tabulated data and graph also as a statistics to further help in visualization.

**Data types used**

1.integer

2.lists

3.strings

**Libraries used**

1. requests
2. Beautiful Soup
3. csv
4. matplotlib.pyplot
5. datetime

Final Result

We have implemented all the things asked in questions in project.

When we want to know the high risk zone we can give output of list of top 15 country with highest death rate. If you want to see the graph of death rate of a particular country we have implemented that.

If you want to see risk area for youngsters(15-25 years) we will display top 10 risk zone where more death occurred under these group.

If you want to know the time taken for a death or recovery in selected country we will

Display the average time for it .