

# **DATA ANALYSIS REPORT FOR INDIA COVID\_19 STATUS AS NARATTED BY UZORNNE THADDEUS**

## **Overall description**

For this project I am trying to analyze the of the covid 19 global pandemic on the Indian affected population across all the states.

The Key performance indicators we are going to look at are

1. The Total number of cases
2. The Total number of active cases
3. The Total number of discharged patients
4. The Total number of deaths

Given these KPIs' I hope to show analyze the performance of the different states in response to several areas of the pandemic.

## **Design**

I have taken several steps to modify the data in order to analyze the trends we are trying to observe with this type of data set.

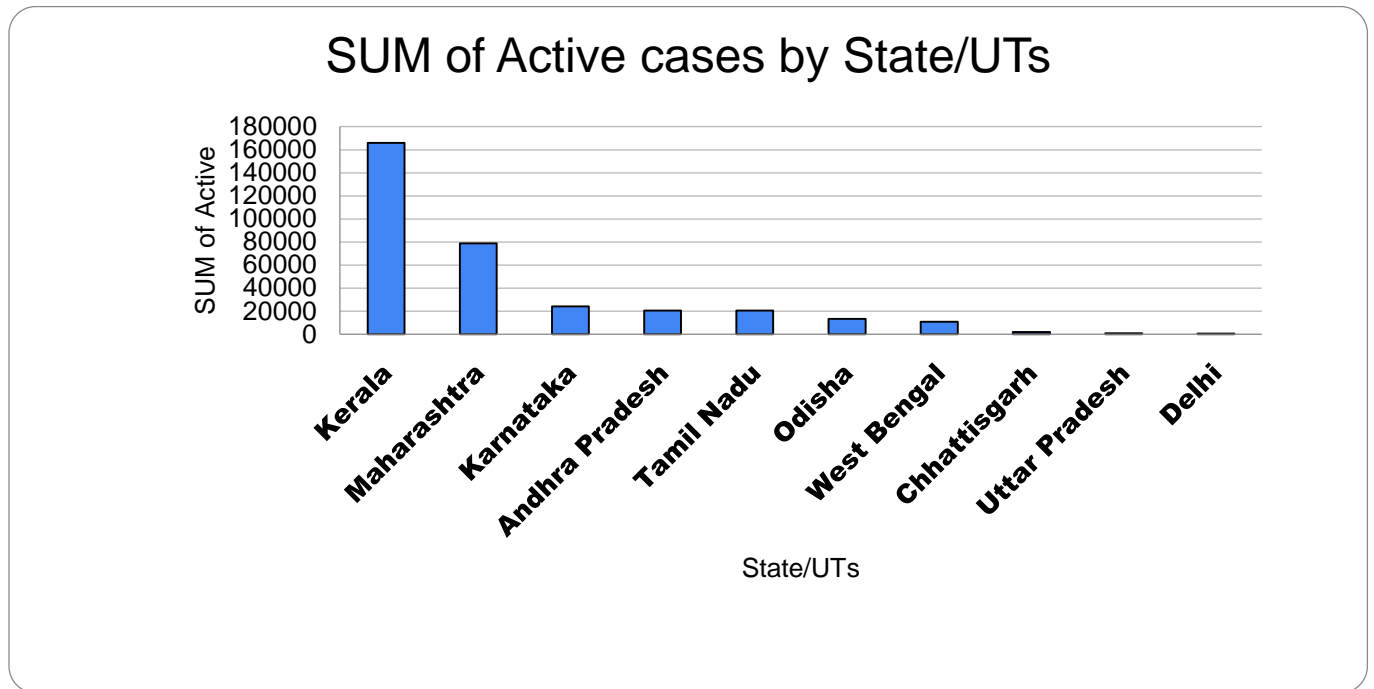
I cleaned the data by removing duplicated sheets and organizing the state names, I also made the number of active cases easier to read.

For the next step I extracted the top 10 highest states in terms of cases, active cases, and discharged patients and while for the deaths I looks at the lowest 10 states. These processes are going to help me better understand the trends of this narrative and more importantly allude to the question of why.

Lastly I used pivot table and tableau to visualize my data in pie charts .

## Findings

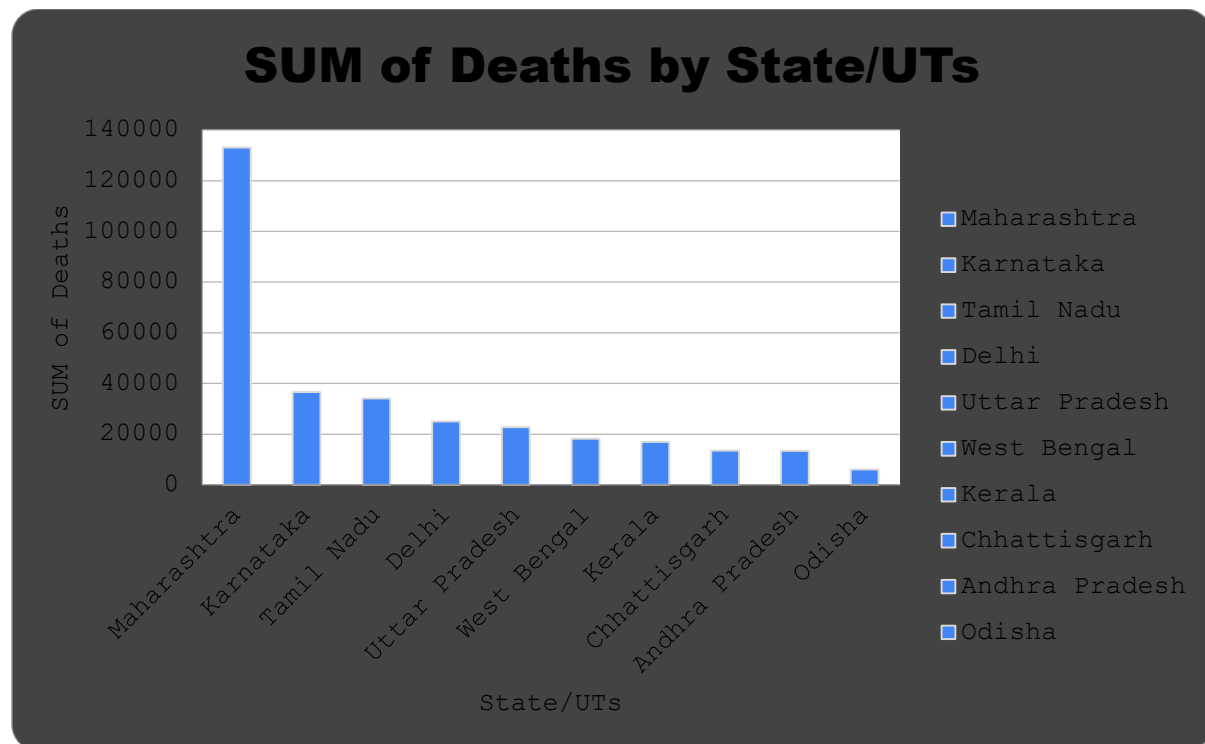
After my data cleaning find out that the following states had the highest number of active cases



As shown by the chart Kerala is the only state ha has active cases going above 100,000, this western state rate can be attributed to its naïve population and low levels of vaccination taking place within the state compared to areas like Delhi. These factors can easily be curbed with appropriate measures.

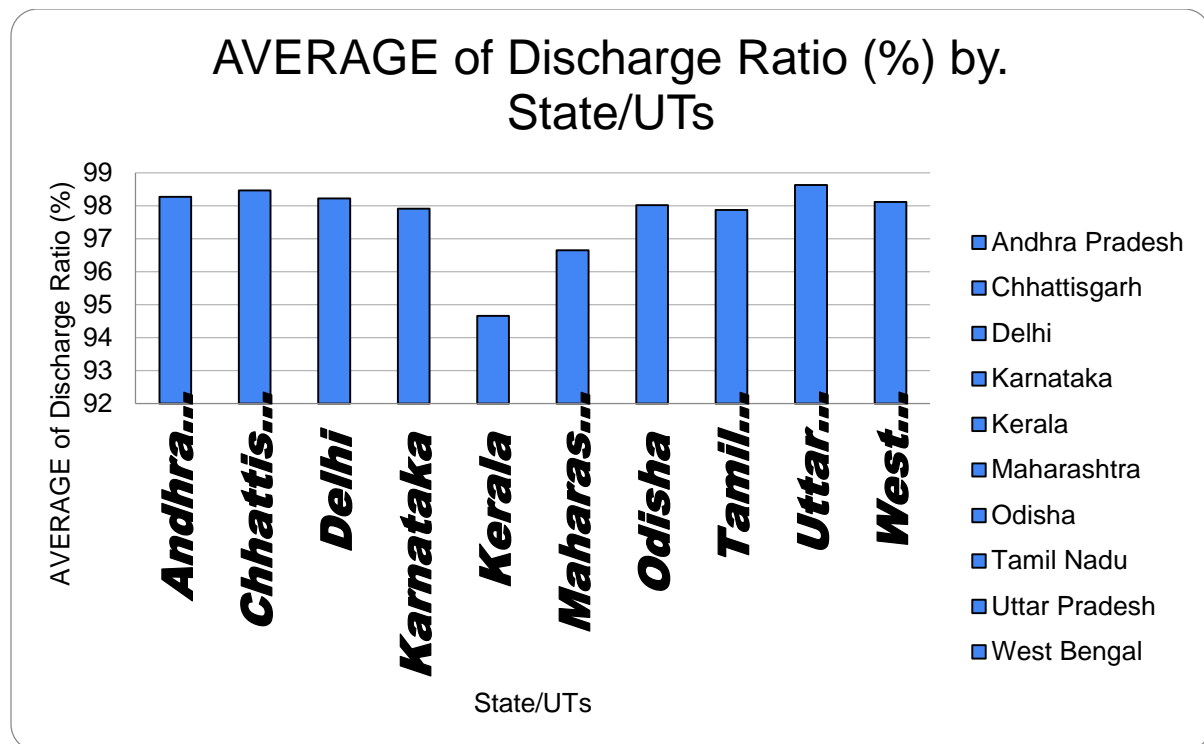
I also gathered that the following states had the highest number of death ratio as opposed to the number of deaths which could be misleading.

This states are expressed in the chart below



The State of Maharashtra seems to take on the highest number of deaths among the states with the highest number of fatalities. There are more deaths there than the other 9 highest states combined. There has to be a fundamental problem with their treatment procedures.

Lastly Having looked at the state with the highest number of deaths I looked at the polar opposite to see the states that were handling their treatment protocols the best.



For the first time we see more stable charts, the state of Uttar Pradesh has the highest discharge ratio of 98.6% and I firmly believe that their treatment procedures should be adopted by other states

## Conclusion

Conclusively we can deduce that the states that had the highest number of cases should practice social distancing while the states with the lowest number of deaths should export their treatment protocols to other states.

My analysis report on Google sheet could be assessed using this link

[https://docs.google.com/spreadsheets/d/10IrasHBHW2DDC8Z19Xvk9adFW7FWsu9\\_qWCqswCIH1Q/edit?usp=sharing](https://docs.google.com/spreadsheets/d/10IrasHBHW2DDC8Z19Xvk9adFW7FWsu9_qWCqswCIH1Q/edit?usp=sharing)