Telling Stories With Data

Final Project Report

The Wrath of Corona - A Study on COVID19 in USA

-**Anant Vaid**

PES2201800712

Finally, we have come to the end of the project. We have been successful in **making an infographic** that supports the cause in making the US citizens (Even the world as such) **aware about the negative effects of Covid-19**. The theme of the Infographic as visible is red, denoting demise of people or the danger of this pandemic. We have added supporting visuals to depict each topic.

Let's take a look at the extras. We used the main topic as **Wrath of Corona** to imply how corona ruined everything. The sub topic is the crux of it – **A study on COVID19 in USA**. As promised, we depicted the **Issued in Public Interest** to attract a greater audience. We **showed the source of data** to gain **the trust of our audience and authenticate our visuals** in a formal way.

At the very first, we make use of the **geographical plot of US states to show the average number of cases and deaths in the respective states**. To denote the same, we use bubbles, the **larger the bubble, implies a greater number of average cases, and the darker it is, the deaths are more respectively**. Sadly, New York had the greatest number of deaths on an average and Texas has most averages cases. Besides, we make use of a **Mask image**, on which **we depict the mask usage on the basis of a poll done**, one who wears masks always, frequently or never. We use a **donut chart and its centre having an image of the deadly Coronavirus**. Also, it was sad to see people without masks in the stadiums where India and Australia played matches of cricket ☹.

Then we show **the comparison of charts showing the initial days versus the later days** in a user-friendly **left to right manner**. The initial days has the **bar-plot of Covid-19 cases as a weekly average**. We see how **sharply and exponentially the cases has increased** and is increasing in the states. We also show the **Twitter Data in a Word Cloud** in the initial days. It shows how **people were worried and were afraid of deaths, lockdowns, and the virus** overall. Slowly we go towards the recent days of complacent behaviour of the people. We see through a **scatter plot** that how **opening colleges was the worst decision the government could make** in an already worse scenario around. We also see that cases in the colleges were in tens of thousands, which is really saddening to know. Also Eagle-eyed observers would see that the **scatter plot has the images of coronavirus**. We also see **another twitter analysis made on the later days**, which shows that **people have almost forgotten that they're in a middle of a pandemic** and are more **worried about Trump vs Biden**.

Thus, a gist of Covid-19 was made into an infographic for public use and awareness. Hope you enjoyed the journey 😊. Have a great day ahead.

Thank you.