

ASSIGNMENT 4- FE 550

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Topic

With the difficult times we are going through right now and SARS being similar to corona virus, I wanted to see how SARS outbreak impacted the world. I analyzed the cases, deaths and recoveries based on location and time periods.

Data

Data is downloaded from Kaggle. It has 5 features (Date, Country, number of cases, deaths and number of recoveries).

Research Questions

1. How has the rate change over the days?
There has been an increase in the number of cases rapid increase until a point and then remained constant.
2. Which country was most effected?
China was affected the most.
3. Which country recovered the best?
China recovered the best
4. Which country saw the greatest number of deaths?
Though the numbers show China had most deaths, but Hongkong had the worst impact.

Data Visualization choices

1. Line graph - I used line graph to depict the change in number of cases, deaths and number of recoveries over the days.
2. Text Boxes – I wanted to show the number big and bold, so I used text function in tableau to do this.
3. Maps - I had country names in my data set. So, what's better than to use maps. I used maps to depict each counties cases number of deaths and recoveries.

Map Integrations

- I used map integrations to show number of each cases in a country. I also used scroll bars, by adjusting this you will be able to see the deaths and recoveries in each country.
- It wouldn't have been possible to shows all these features clearly without maps.
- Maps would give you a clear summary of the cases in these countries.

File Submission:

- A .twbx has my tableau dashboard.
- This .pdf document
- .csv file of data