Final Project Proposal

Data source :

https://www.worldometers.info/coronavirus/#countries

https://www.statista.com/statistics/1043366/novel-coronavirus-2019ncov-cases-worldwide-by-country/

TBD since the epidemic is still ongoing, data will keep updating.

Our group wants to study the novel coronavirus, the evolution of the epidemic becoming the world's most intimidating disease. Explore how the virus can spread and what methods can be used to organize in most effectively way. In order to collect data, we are going to look up websites like CDC, WHO, to see if there are some official and unbiased data.

Project outline:

First make some hypothesis, then visualize the data, and then analyze the data by looking at the graphs or make linear regression, lastly testify our hypothesis.

5 things or question we will address in the project:

1. Coronavirus transmission trend
2. When is the epidemic reach its peak and turning point?
3. Find what causes the peak and turning point.
4. Try find the variables which essentially affect infected numbers, death rate, cure rate.
5. Age distribution of infected people, see if older or younger people are more likely to be infected.