

SSC 442

Final project proposal

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Topic: The spreading of coronavirus and the impact on China

We are going to analyze the spreading of coronavirus that happened in recent China since it is not only influential in China but also in the world. We plan to analyze it from the number of infections, deaths, and the impact on China, like the economy.

Questions that we are interested in:

1. Infected rate
2. Average people could be infected within one day
3. The comparison between the death number of coronavirus and the death number of SARS in 2003
4. Spreading districts among China
5. How to find suspicious carriers

What we need to find out:

1. Which disease is more crucial and has a larger impact on China, comparing with SARS in 2003
2. How this disease affect economic development in different field
3. The routes of infection and people's response to this disease
4. The speed of transmission of this disease

What analysis to use:

1. Use the line graph to show the death number in a specific period
2. Use histogram, pie chart, epidemic spread map and so on.
3. Make assumption on variables which are likely to be correlated with disease