

Webinar Reflection

1. The general topic is about the life of the mathematician and her compartmental mathematical models to predict the 2020 US elections.
2. The system is the election process of US. She pulls data from the open sources, takes people's poll and group them in compartments. The model focus on those who change their group.
3. She use the infectious disease's model which is used in biology. It views people's decision as disease. Those who catch the 'disease' can infect those who do not.
4. She mentioned some novel ideas. The model uses confidence interval to predict the result. Also, to test whether the result is correct is not base on the real election result only. She states more about the vote margin. Correct result may still come with huge gap from the vote margin.
5. I think what inspired me is that she put her code in the Gitlab and shared it to the public which is a way she thought would improve the model. This is where cooperation lies. We shouldn't defend all our work like our own treasure. Sometimes, sharing brings perfection.
6. Question: Accidents are part of the elections. The model is mainly base on historical data. What role do you think the accident play in the model? If an accident happens during the election and the model collapse. How do you view the accident and the model?