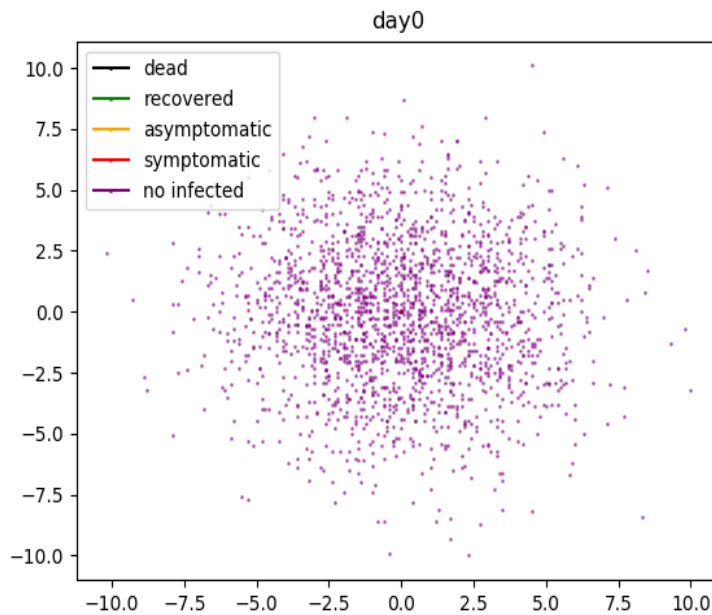
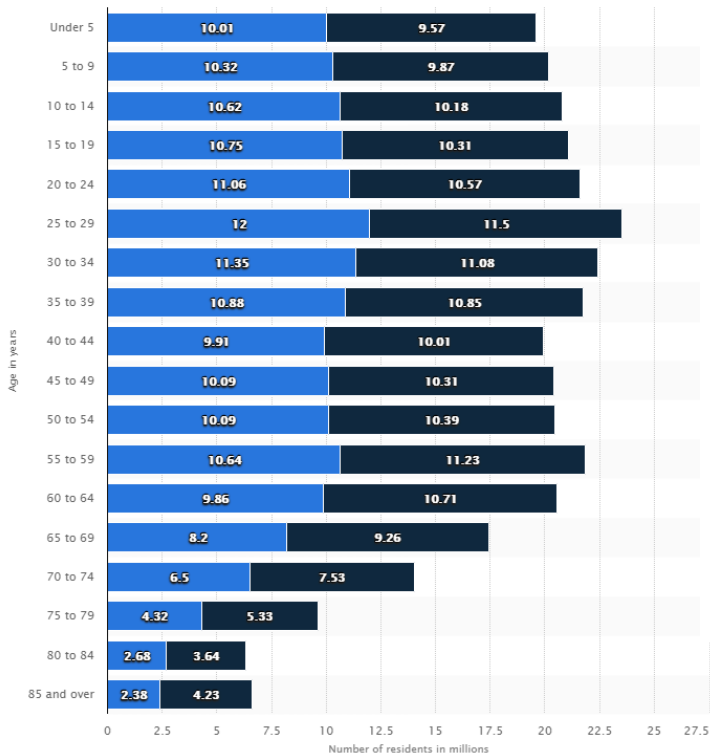


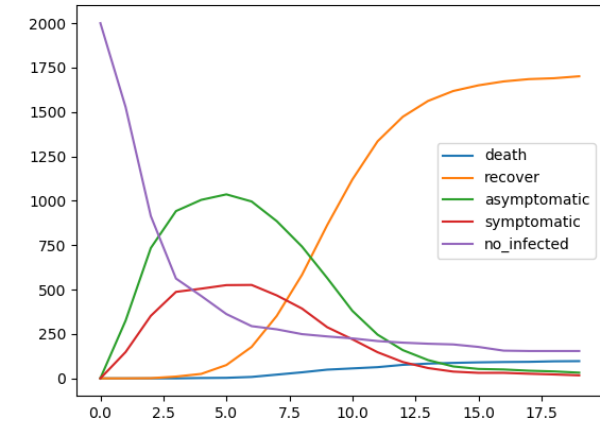
Kinetic simulation of disease transmission

Max Curie



Kinetic simulation of disease transmission(Python)

Max Curie



Other idea

- GPT-3
- Blockchain voting system
- WebMD diagnostic UI
- Data acquire and verification
- Context of article and video suggestion bot

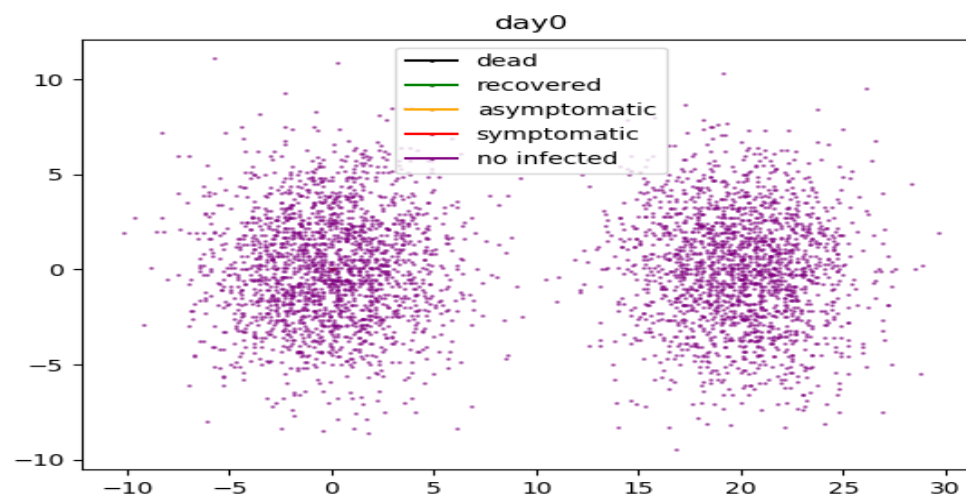
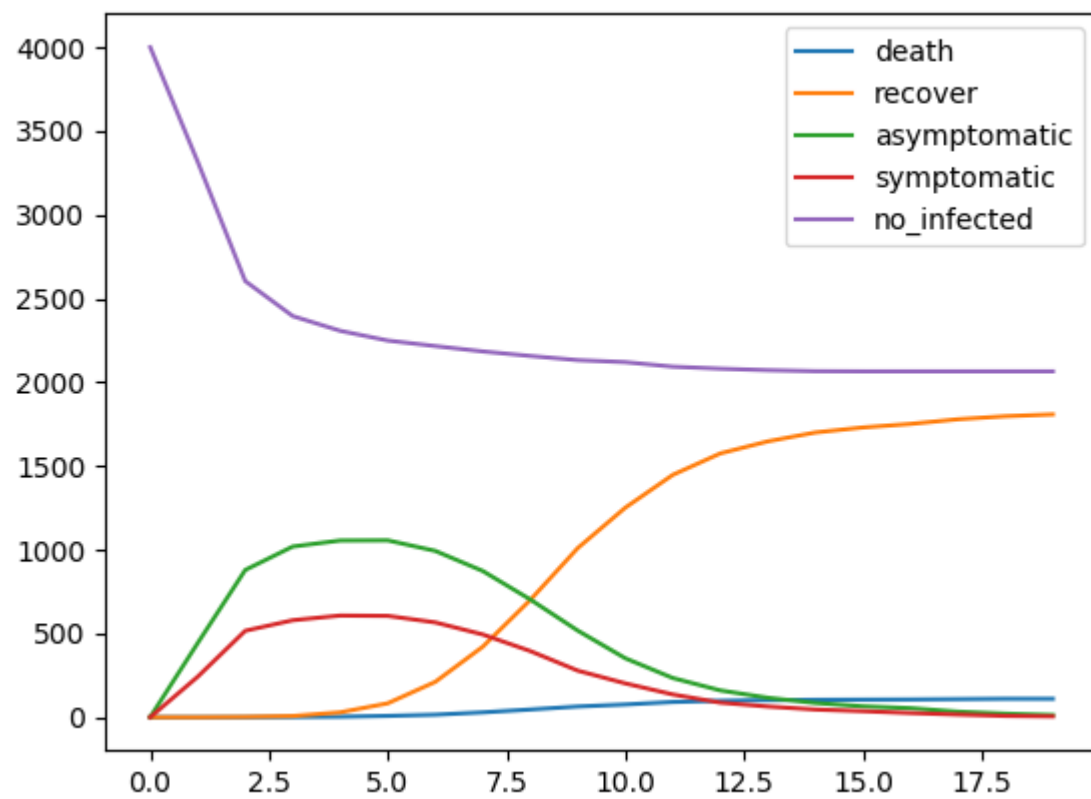
- Analyze data set from CDC for age distribution of the disease
 - Realistic density distribution
 - Age distribution(death, asymptomatic, symptomatic)
 - Modeling commute
- Analyze data for indirect impact of COVID
 - Traveling, moving(mobility)
 - Mental health
 - Physical health not related to COVID
- Propose strategy for future plague prevention
- And more!

Suggestions to other groups

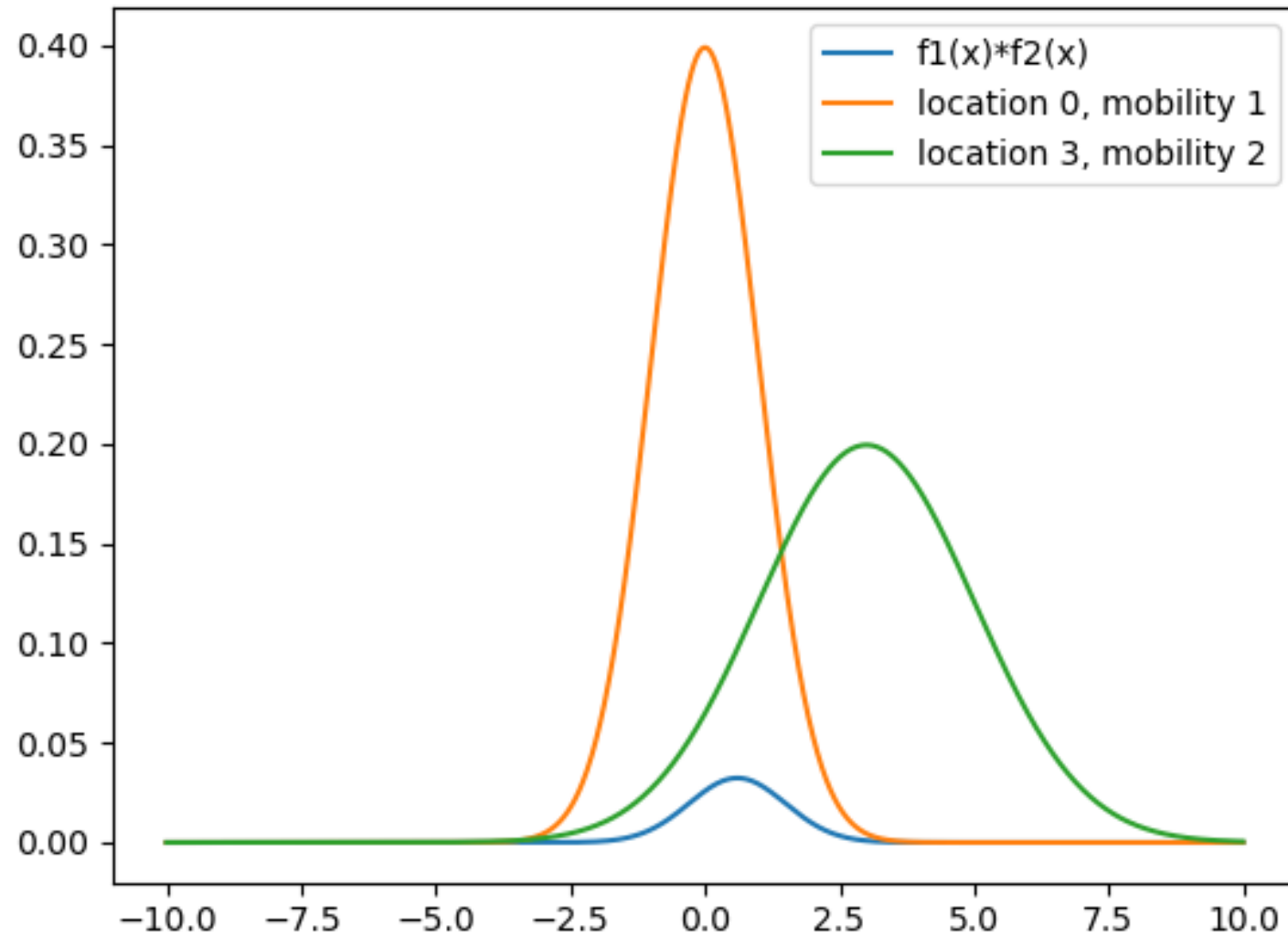
- GPT-3 from <https://openai.com/blog/openai-api/>
<https://youtu.be/x9AwxfjxvE>
- Blockchain voting system
- UI for symptom descriptions and guidance for accurate WebMD diagnostic
- Data acquire and verification using basic statistic theory (Benford's law)
https://en.wikipedia.org/wiki/Benford%27s_law
- Context of article and video suggestion bot.

(Me: “I cannot love physics enough” ==>

Media: “Breaking news, Max cannot love physics”)



Cross section calc



Work options during the Hackathon

- Analyze data set from CDC for age distribution of the disease
 - Realistic density distribution
 - Age distribution(death, asymptomatic, symptomatic)
 - Modeling commute
- Analyze data for indirect impact of COVID
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