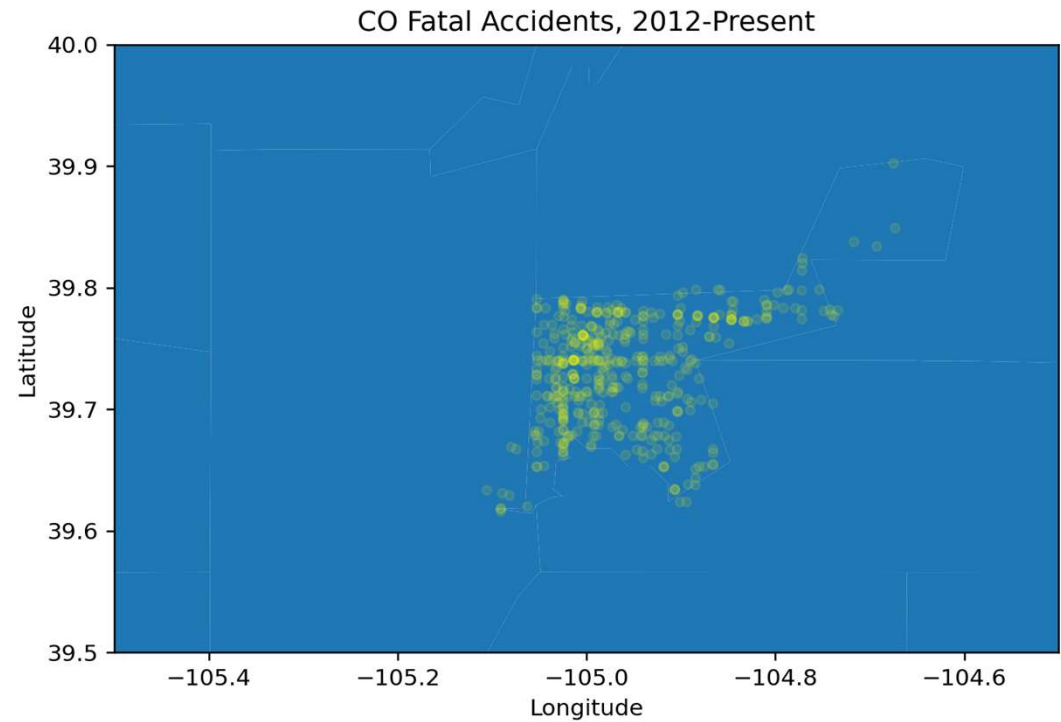# MSDS 670

Jeremy Beard

Week 7 – Advanced Visualizations

June 18 2023

Visualization 1

- Data is apparently specific to Denver county only
- Data was filtered to only include fatal accidents in visualization
- Very little traffic accidents at Denver International Airport
- Most fatal accidents happening in heart of Denver, near I-25
- Also high frequency of fatal accidents on I-70 horizontal line
- Takeaway: stay away from highways!

CO Fatal Accidents, 2012-Present

Conclusion

- Most fatal traffic accidents in Denver county happen near the center of the city and near Interstate 25.
- How can we reduce fatal accidents? How can we increase the safety of our drivers?
  - Draw traffic away from I-25 / major city highways
  - Increase public transportation options
- Future visualizations I would like to create from this visualization project are:
  - Data for all counties in Denver, judging # accidents (or fata accidents) per capita in each county
  - Create a time-based visualization which shows the amount of accidents in Denver county over time
- Thank you!