Group 7: Mass Ave Pollution

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Datasets

- Boston 311 Program data provided by the city of Boston (https://data.boston.gov/dataset/311-service-requests)
- Commute type prevalence data provided by the United States Census Bureau (https://data.census.gov/table?q=transportation+in+Boston+city,+Massachusetts&tid=ACSDT1Y2021.B08141)
- Air quality data provided by the United States Environmental Protection Agency (https://www.epa.gov/outdoor-air-quality-data/air-quality-index-daily-values-report)

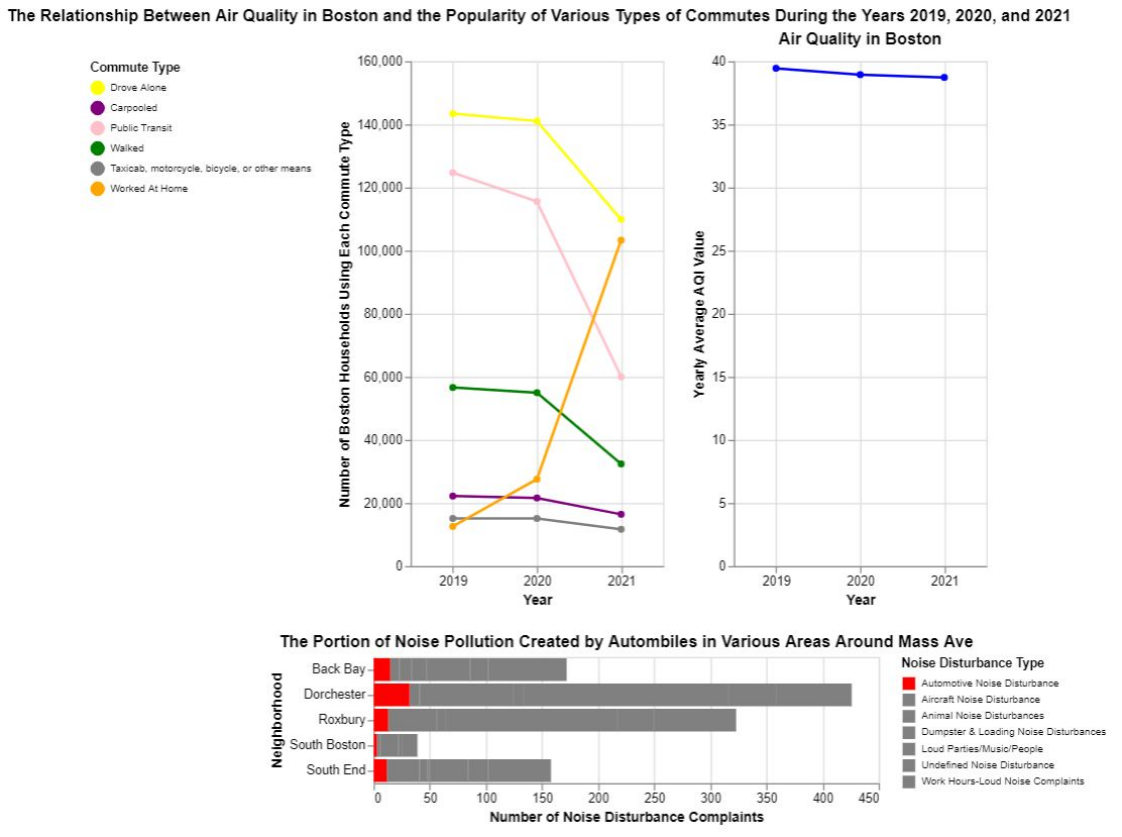
Issue and Goal

Issue: Public attachment towards cars leads to streetscape congestion and increases in air and noise pollution

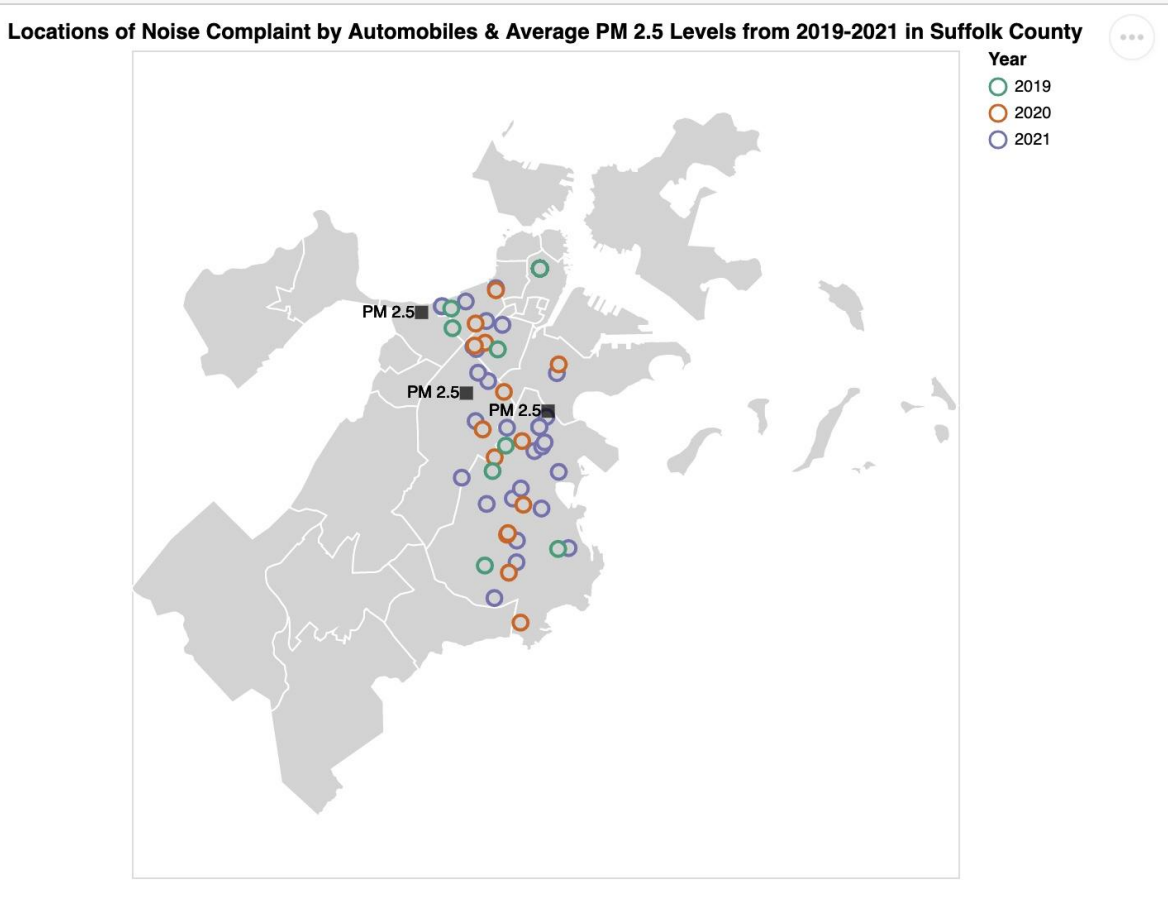
Goal: Quantify the effects of cars on pollution in the neighborhoods surrounding Mass Ave

Image Source

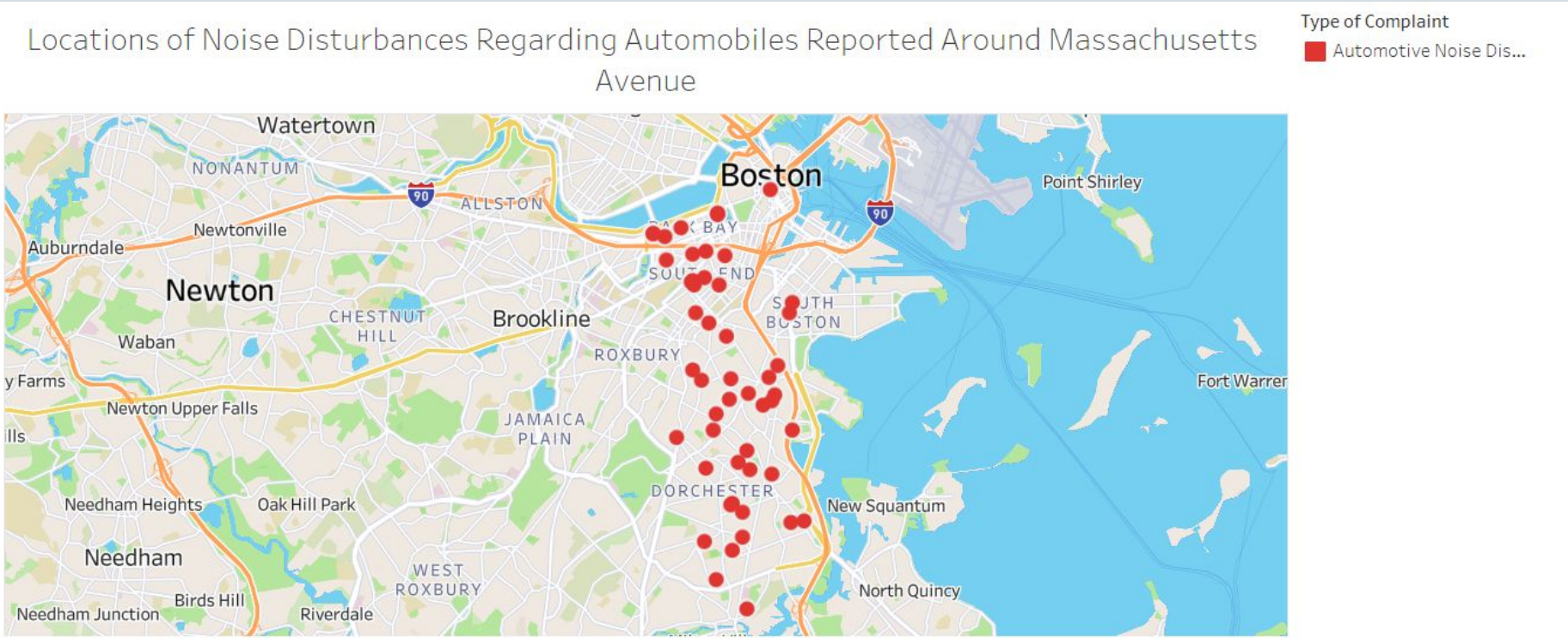
Static Visualization #1



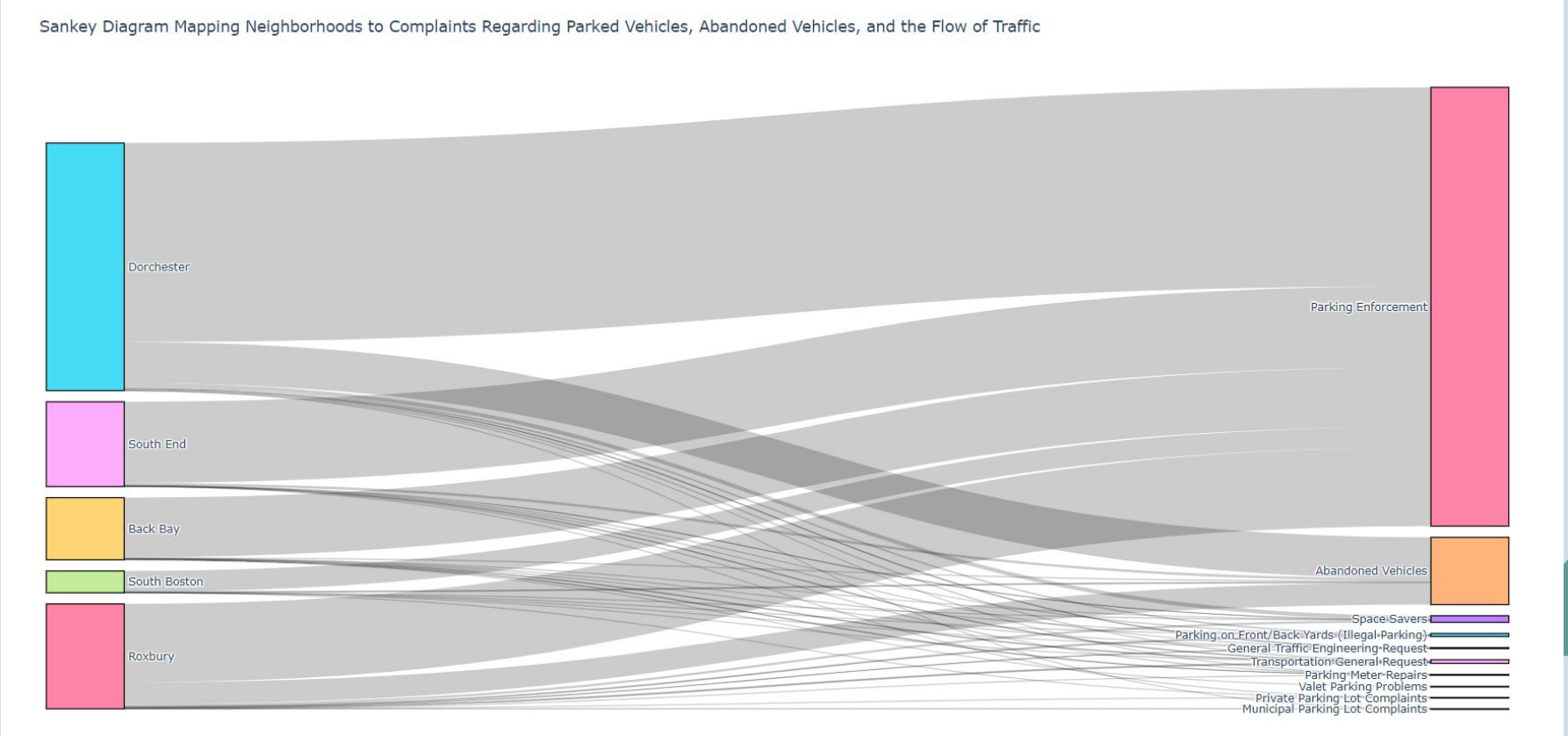
Static Visualization #2 - Map



Static Visualization #3



Static Visualization #4



Link to Website

https://pages.github.khoury.northeastern.edu/miahuebscher/miahuebscher.github.io/