

“Working for a better, more connected Mass. Ave.” VEXPO (Spring 2022):

During this Spring 2022 semester, students of the Information Visualization: Theory and Applications were part of the Service-learning program dedicated to servicing community members with expertise and knowledge gained in class. Students worked and collaborated with the leaders at the Massachusetts Avenue Coalition (or Mass. Ave. Coalition). The Mass. Ave. Coalition helps with the advancing of Mass. Ave.’s public health, transportation, and streetscape. They aim to reconnect the members and businesses of Mass. Ave. to have a unified and strong community.

Along with instructions from leadership at the Mass. Ave. Coalition, students were provided with data and specific areas of research in their assignments. They generated data visualizations and processed data with the goal of extracting conclusions. The final deliverables were shared with the Coalition. We also planned a walk-out early on in the semester to establish a connection between the students and the community partners. This was a great semester with amazing final deliverables that have and will continue to help Mass. Ave. achieve their mission.

Images from the walk-out to Mass. Ave. with leader from the Coalition:



Below are images of some of the data visualizations and links to the final deliverables:

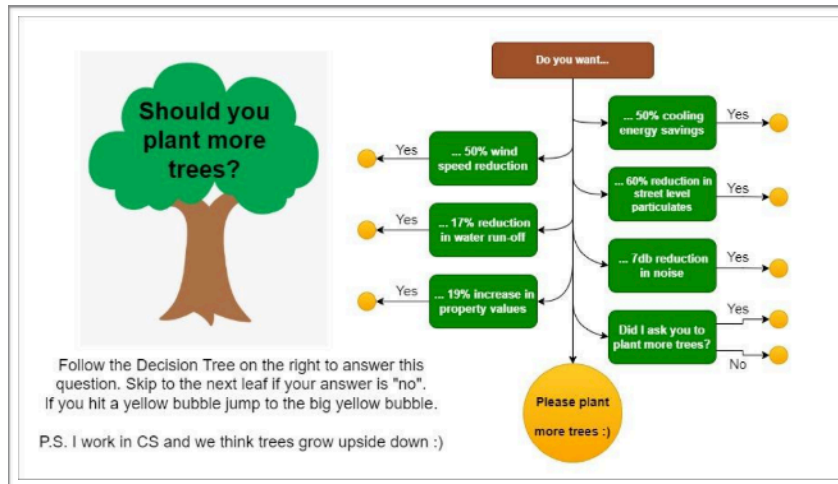
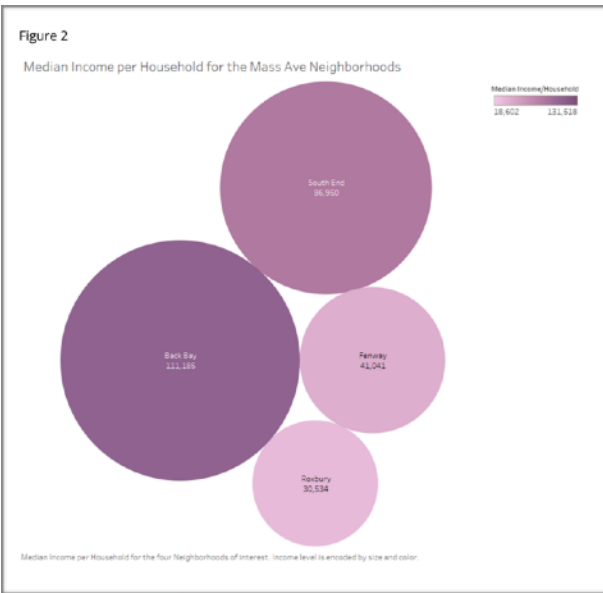
Webpage Examples (Road safety for Mass. Ave.):

<https://pages.github.ccs.neu.edu/raithathad/CS7250-A5/>

<https://pages.github.ccs.neu.edu/pates/cs7250-a5/>

(Artifact.2)

(Artifact.1)



(Artifact.3)