

Breakdown of time spent:

Idea formulation: 5%

Group Discussion on Hypotheses: 5%

Finding public datasets: 5%

Manually calculating data: 35%

Coding: 25%

Writing: 25%

Team Members: Samantha Chu (sc2855), Samantha Ng (syn4) and Neha Rao (nr276)

Each team member was responsible for manually calculating the distances to each ice cream store for one-third of the total listings (180 listings). By inputting the latitudinal and longitudinal coordinates of the listing as well as the ice cream store into google maps, each team member was able to calculate the walking distance in miles from a listing to one store. To calculate the overall average distance of a listing to an ice cream store, every team member took the average of the five distances to each of the five ice cream stores. Each team member also calculated the mins and maxs of the data to get a better idea of outliers in the datasheet.

All team members were present while working on coding our data sheet in Jupyter Notebook. Each team member gave equal input while producing the code to manipulate and analyze our data. Each step was discussed as a group before implementation.

All team members were involved in coming up with the hypotheses used in the project. For the write up, Neha Rao (nr276) wrote the introduction & project limitations and caveats, Samantha Chu (sc2855), wrote the background and Samantha Ng (syn4) wrote the data analysis & discussion section. All team members edited the entire write up to cross check each other's work and joined together to create the overall theme of our article.