

Artifact Sprint 4

What analytics feature(s) to implement next week?

- Which are the populated cities based on calls?
- What are the busiest days based on calls?
- Uber vs Lyft comparison over range of months?

Breakdown the goals into the actionable tasks

- Which are the populated areas based on calls?
 - Function to find uniqueValues and the count for how many times they appear
 - Enter Certain cities and show a graph based on that
 - Create a Graph to show certain number of cities
 - New Page: Container to hold a graph, Search thing for State search bar and button or toggle
 - Read another file and make it available in the dataset
- What are the busiest days based on calls?
 - Function to find values for each day
 - Based on State, City, Address, Street
 - Ex Monday: 40 calls
 - Map the date to the day, create a count for each day and how many calls
 - Send a json with days and the count of analytic
 - a Line graph for each day of the week
 - Create a search bar, based on State/City/Address/Street
 - Container for graph
- Uber vs Lyft comparison over months?
 - Read in uber file and lyft file
 - Compare the two dataset find calls based on month
 - Graph that shows two lines over months, one uber vs one lyft
 - Create html page, creating a range to select for months

Taskboard:

All: Look into Jest

- David:
 - Create a Graph to show certain number of cities
 - a Line graph for each day of the week
 - Graph that shows two lines over months, one uber vs one lyft
- Melanie:
 - Search thing for State search bar and button or toggle
 - Create a search bar, based on State/City/Address/Street
 - Create html page, creating a range to select for months
- Khuaja:

- Function to find uniqueValues and the count for how many times they appear
- Function to find values for each day
- Jason:
 - Look into Jest and find how to create automated testing
 - Compare the two dataset find calls based on month or range of months
- Surya:
 - Read another file and make it available in the dataset
 - Read in uber file and lyft file

Define task completeness criteria (test cases if needed)

- Which are the populated areas based on calls?
 - User searches all cities, they see a graph that shows most of the cities and the heavily populated cities
 - User adds a city and see's a graph for that
 - User adds another cities a graph that compares the two cities
- What are the busiest days based on calls?
 - User can add a city and it will show a line graph from M-S and shows how the calls were made
 - User can add another city and another line will be added to the graph that shows the same info for that city
 - User can clear the graph or keep on adding more cities
- Uber vs Lyft comparison over months?
 - User searches up range of months and a graph shows up that compares the trips made by uber (one line on graph) vs lift calls (another line) and compares them over months.

GUI Design

Calls based on cities

Search Bar

Search All Cities

Add City to Graph

Search

DATA as graph

busiest days

Search Bar

Search Cities

Or Address Or Street or State

Search

DATA as graph

Uber vs lyft Month

Select Month From ↓

Select Month To ↓

Search

DATA as graph