Completed Artifact

1. Client - Server connection
2. Read in csv file and parse it into a dataframe
3. Created the searching functionality
    a. State, City, Street name, etc.
4. Created website layout and the searching (“home”) page
5. Client side function to fetch and display data
6. Client side Chart.js graph for the searching function
    a. Population
    b. Busiest Day
    c. Platform Comparison
    d. Traffic Time of Day
    e. Types of Active Vehicles
    f. Increase/Decrease in Platform
7. Backup and Delete backup
8. Class creation
    a. Dataframe class
    b. Key Class
    c. Analytics Class
9. Add/Delete/Edit Functionality for Dial7 - server side
10. Add/Delete/Edit functions client side
    a. Updating graph function realtime
    b. Updating the table realtime
11. Analytics (Client side and server side)
    a. Number of calls per city
    b. Calls per day of the week based on state, city, address
    c. Uber vs Lyft calls per day over time
    d. Calls per time of day
    e. Number of active vehicles of Uber vs. Lyft over time
    f. Popularity of different vehicles over time
12. Incremental Design
    a. Population (Add, update, delete)
    b. Busiest Day(Add, update, delete)
    c. Platform Comparison(Add, update, delete)
    d. Traffic Time of Day(Add, update, delete)
    e. Types of Active Vehicles(Add, update, delete)
    f. Increase/Decrease in Platform (Add, update, delete)
13. Map ArcGis for uber and lyft values
    a. Add, update and delete values lyft and uber (client side
    b. Server sided functions (Add, Update, delete)
14. Active Vehicle searching function (server and client side)
    a. Edit
    b. Add

c. Update