IS-608: Data Visualization Final Project, Spring 2016
Manhattan Restaurant Inspection Data and Visualization
Mohamed Elmoudni

The main html page is called: Mohamed_Elmoudni_FinalProject608.html

The below the java scripts are being called to invoke:

1- worstplaces16.js : google map function to show the worst scored restaurants in 2016.

2- coffeedashboard.js dashboard and controls function to show the score of five known coffee shops in Manhattan over the years (2012-2016). The five restaurants are (Starbucks, Gregory's, Dunkin donuts, the Coffee Bean Tea and Leaf, and Piccolo Cafe

3- scatter_bubble.js: bubble and scatter charts function to show the worst scored restaurants in 2016. Restaurants with scores of 27 or higher are being shown.

4- coffeeYearly.js : function to show coffee shops scores over the years compared to the yearly average. The five restaurants are (Starbucks, Gregory's, Dunkin donuts, the Coffee Bean Tea and Leaf, and Piccolo Cafe).

5- coffeechartfilter.js :chart filtering function to show the performance of five known coffee shops in Manhattan over the years (2012-2016). The five restaurants are (Starbucks, Gregory's, Dunkin donuts, the Coffee Bean Tea and Leaf, and Piccolo Cafe).

6- neighborcuisine.js: function to show two controls (neighborhood and cuisine type) to select a subset restaurants and their subsequent score in 2016

7- pincolors.js :google map pin colors function to show the worst and best 50 scored restaurants in 2016.Green pins show restaurants with better score; red pins show restaurants with bad pins

The data files are stored as per below:

BubbleChart_final.csv
ScatterChart_final.csv
best50_worst50_lat_long.csv
NeighborCuisine_final.csv

The data preparation code file is called: Mohamed_Elmoudni_finalProject.R

Program execution steps:

To run program:
- Open terminal
    'cd' into the directory where the html, all js files, and all csv files are stored

- Type the following into the terminal and hit 'enter':
        python -m SimpleHTTPServer

- Type the below address in any browser:
http://localhost:8000/Mohamed_Elmoudni_FinalProject608.html