

In this Data Visualization Project, firstly I downloaded the needed data through python code which is the code in “main.py”. After that I checked through the data to see what kind of data it has. Then with the given example website I filtered the data according to its date time and then created a scatter plot graph with the parameters “total\_amount”, “trip\_distance” and “passanger\_count” but unfortunately the last two ones cannot be displayed because of a unknown error. The graph is interactive and you can change the data if you change the date from the left side of the website which can be done with the box that has a date. After a couple of tries I move on to the map.

The map on the website is a 2D Graph which I gained from Mapbox. While creating the map I have used the data in “taxi\_zones.csv” which contains latitude values in column Y, longitude values in X column, zone values in zone column and state values in LocationID and borough columns. Using these the graph shows the locations as scatter point on the map and can be gathered info if mouse on an scatter point within a box which contains X and Y values and also zone name and state name.