

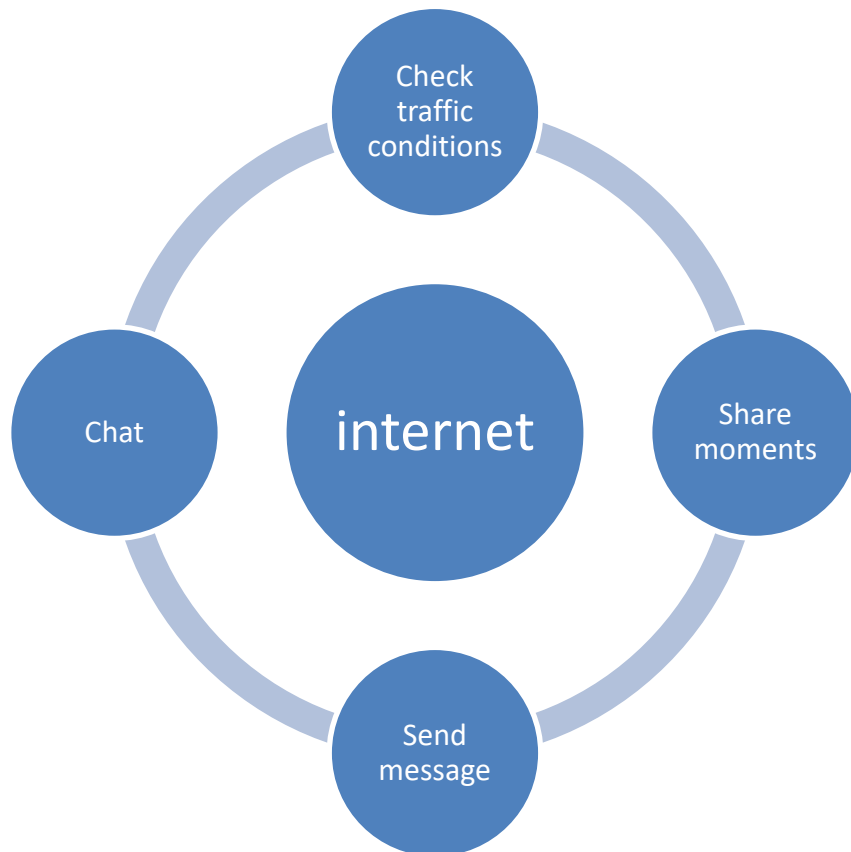
Wifi locations in NYC

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# Business problem

- With the demand of internet connection, people want to look for wifi locations, especially when travelling. People who want to find wifi locations will be interested for this project.



Only 4G data  
is not  
enough

# Data source

- Data was obtained from NYC open data website <https://data.cityofnewyork.us/Social-Services/NYC-Wi-Fi-Hotspot-Locations/a9we-mtpn>.

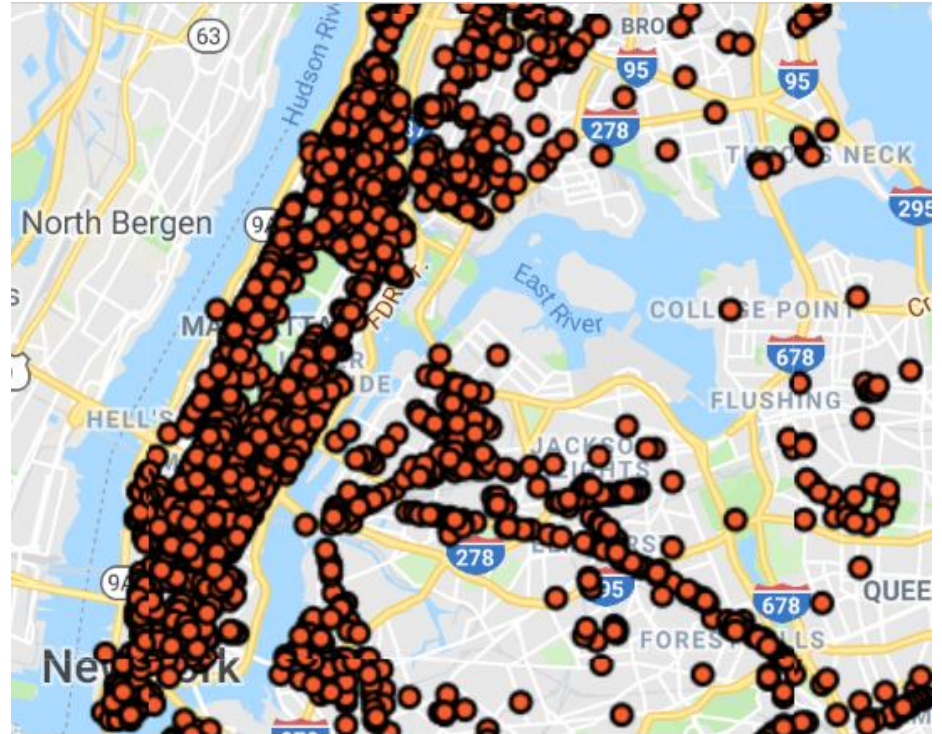
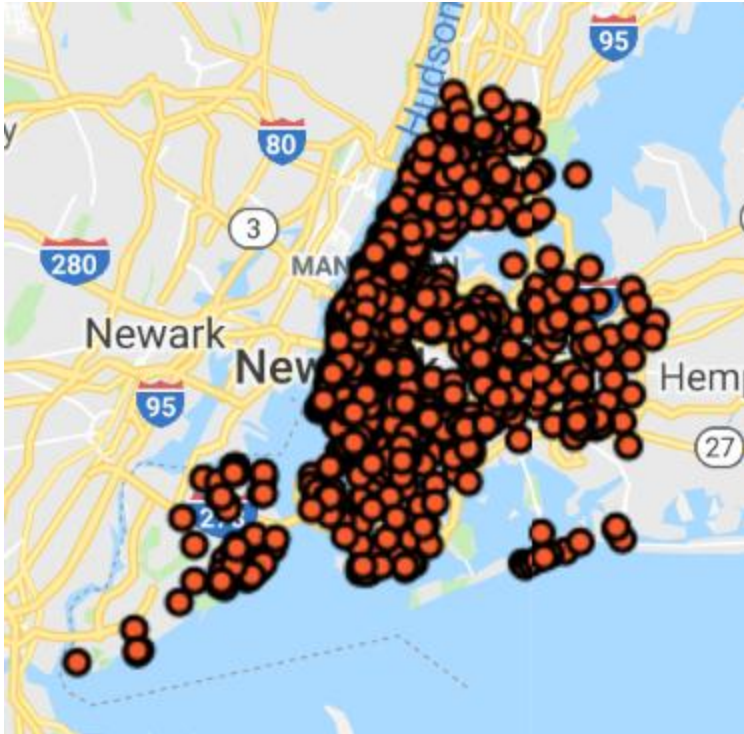
	NAME	LAT	LON	CITY
0	QUEENS BRIDGE - JACOB A. RIIS Settlement House	40.755727	-73.944583	Queens
1	QUEENS BRIDGE - JACOB A. RIIS Settlement House	40.755333	-73.944131	Queens
2	QUEENS BRIDGE - JACOB A. RIIS Settlement House	40.755751	-73.945166	Queens
3	QUEENS BRIDGE - JACOB A. RIIS Settlement House	40.755751	-73.945166	Queens
4	QUEENS BRIDGE - JACOB A. RIIS Settlement House	40.755751	-73.945166	Queens

Wifi location data after data clean

# Methodology

- Get the data from the website and use Pandas to generate the dataframe, and clean the data, rename the columns.
- Basically, the location data was used to plot the wifi locations on the map.

# Results and conclusions



- 1) In manhattan area, the wifi location density is very high.
- 2) If you go to center park, there won't be wifi locations. Anyone who is worrying about health problems when exposed to wifi radiation can stay more time in central park.
- 3) Around the high way areas, there's generally no wifi locations.