Capstone Project

The Battle of Neighborhoods

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Upload Libraries Required

In [2]:
```python
import numpy as np # library to handle data in a vectorized manner
import time
import pandas as pd # library for data analsysis
pd.set_option('display.max_columns', None)
pd.set_option('display.max_rows', None)

import json # library to handle JSON files
import requests # library to handle requests
from pandas.io.json import json_normalize # tranform JSON file into a pandas


!conda install -c conda-forge geopy --yes # uncomment this line if you haven
from geopy.geocoders import Nominatim # convert an address into latitude and

!conda install -c conda-forge folium=0.5.0 --yes # uncomment this line if yo
!pip install folium
import folium # map rendering library
import folium # map rendering library
from folium import plugins

# Matplotlib and associated plotting modules
import matplotlib.cm as cm
import matplotlib.colors as colors

import seaborn as sns

# import k-means from clustering stage
from sklearn.cluster import KMeans



print('Libraries imported.')
```

```
Solving environment: done

## Package Plan ##

  environment location: /opt/conda/envs/Python36

  added / updated specs:
    - geopy


The following packages will be downloaded:
```