



#Modified by: Ze Hong Wu (Jason)

#Email: zehong.wu17@myhunter.cuny.edu

#Date: November 6, 2020

#Uses Folium to make a map with neighborhood airbnb locations plotted.

```
import folium
```

```
import pandas as pd
```

```
airbnb = pd.read_csv('AirBnB_NYC_2019.csv')
```

```
airbnb.fillna({'reviews_per_month':0, 'last_review':0},inplace=True)
```

```
airbnb.fillna({'host_name':'', 'name':''},inplace=True)
```

```
airbnb.drop(['host_id','host_name'], axis=1, inplace=True)
```

```
allerton = airbnb[airbnb['neighbourhood'] == 'Allerton']
```

```
allertonMap = folium.Map(location=[40.8613105, -73.8593181], tiles="Stamen Watercolor")
```

```
for index,row in allerton.iterrows():
```

```
    lat = row["latitude"]
```

```
    lon = row["longitude"]
```

```
    name = row["name"]
```

```
    newMarker = folium.Marker([lat, lon], popup=name)
```

```
    newMarker.add_to(allertonMap)
```

```
allertonMap.save(outfile='allertonLocations.html')
```