In [26]:
```
df.head()
```

Out[26]:

	Postal Code	Borough	Neighbourhood	Latitude	Longitude
2	M5A	Downtown Toronto	Regent Park, Harbourfront	43.654260	-79.360636
4	M7A	Downtown Toronto	Queen's Park, Ontario Provincial Government	43.662301	-79.389494
9	M5B	Downtown Toronto	Garden District, Ryerson	43.657162	-79.378937
15	M5C	Downtown Toronto	St. James Town	43.651494	-79.375418
20	M5E	Downtown Toronto	Berczy Park	43.644771	-79.373306

In [27]:
```
latitude =  43.654260
longitude = -79.360636
```

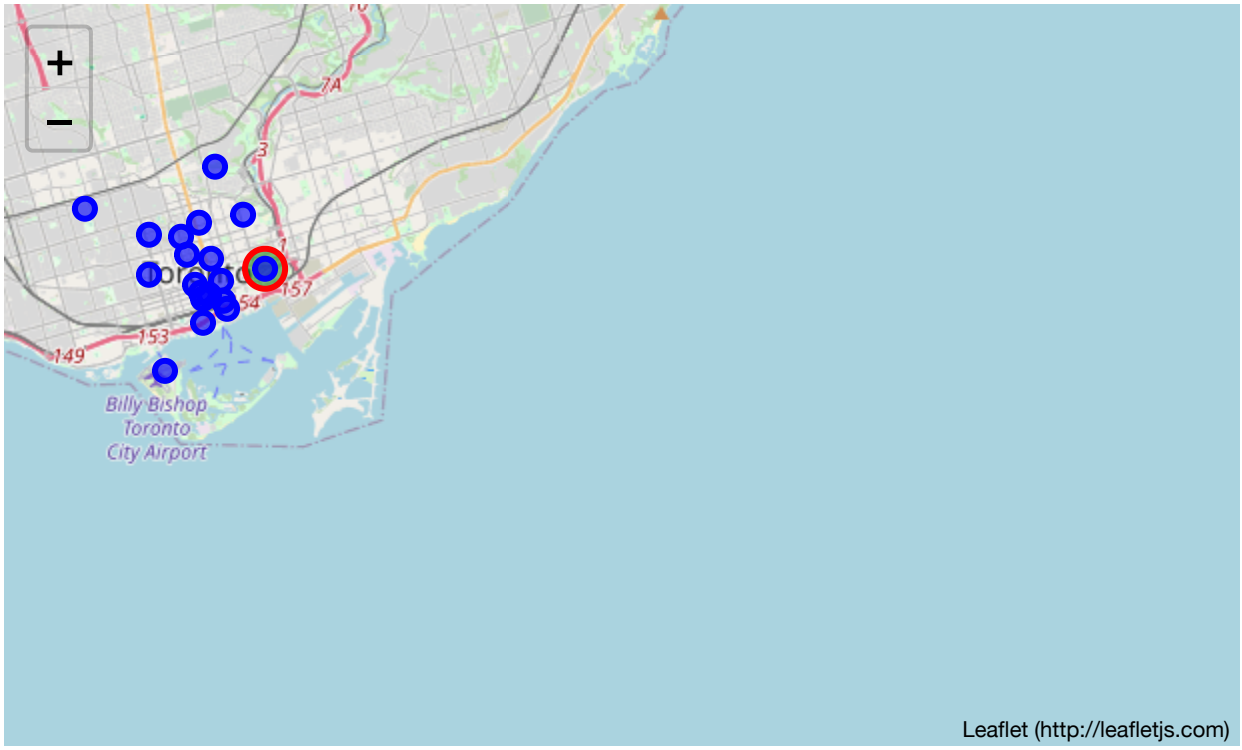
In [28]:
```
venues_map = folium.Map(location=[latitude, longitude], zoom_start=13) # ge

# add a red circle marker to represent the Downtown Toronto
folium.CircleMarker(
    [latitude, longitude],
    radius=10,
    color='red',
    popup='Downtown Toronto',
    fill = True,
    fill_color = 'green',
    fill_opacity = 0.5
).add_to(venues_map)

# add the Borough as blue circle markers
for lat, lng, label in zip(df['Latitude'], df['Longitude'], df['Borough']):
    folium.CircleMarker(
        [lat, lng],
        radius=5,
        color='blue',
        popup=label,
        fill = True,
        fill_color='blue',
        fill_opacity=0.6
    ).add_to(venues_map)

# # display map
venues_map
```

Out[28]:



Clustering the Neighborhood

In [29]:
```
# df.head()
```