# The battle of neighborhoods

## Introduction

In this project my goal was to compare the distribution of crimes and incidents in the city of San Francisco compared to the state of New York. Since I already had the San Francisco incidents database available I researched on the internet a dataset containing the relevant data for New York.

## Data

The datasets I used were way too big so, as we did in a previous lab, I only selected the first 100 rows of the datasets. The relevant data was the latitude, longitude of the single crime. I therefore dropped all the other irrelevant columns.

## Methodology

Using folium I first displayed the maps of the two regions and then I added some marks to highlight the crime scenes.

## Discussion

The problem was that on one side we have the data of city, San Francisco, and on the other we have the data of a state, New York. This gives us a difference of scale in the comparison.

## Conclusion

The analysis shows how in San Francisco the crime is mainly in the northern side of the city, while in the state of New York, as we would expect, it is mainly in the city.