Written Up:

National Map:

From the plot of On-Campus Crime 2010-2013, we aggregate the total number of crimes by states. We can see that CA, TX, NY are the top three states with most crimes. After scaled by population, Plot On-Campus Crime per 1000 Person 2010-2013 turns out that these places are actually relevantly save.

Circlize:

We calculate the correlation matrix among 9 types of crimes, then make the circlize plot. It turns out Burglary is highly correlated with Forcible Sex Offense….

Leaflet & bar chat

We want to find the distribution of different types near Columbia university in year 2015.

The bar chat shows the number of each type of crimes. It turns out that Grand Larceny is the top one

The leaflet shows the distribution of the Grand Larceny near Columbia University.