Project II Progress Report: Seeing the Forest for the Tress

On Friday, my partner Lucy and I discussed how I could use 311 data to investigate the condition of trees in different parts of the city. It was pretty clear from the start that I will need to filter the data first to deal only with complaints lodged with the Department of Parks and Recreation (DPR). From there I plan to further narrow the data by filtering out any complaints not containing the words, "tree," "rot," or "damage." During our discussion, Lucy and I wondered what sort of x-axis I could plot the tree-related incidents against, and settled on zip codes, of which New York City has 145.

The data I am working with lends itself to comparisons, so I'll try to tell a comparison story with my visualization. Since zip codes containing parks have the greatest number of tree-related incidents, I intend to use this data to compare the city's most dangerous parks based on tree neglect. A simple histogram should suffice to show these comparisons. Users will be able to click on the individual bars of my chart to trigger a popup giving specific information on each park (i.e. address, acreage, and exact number of incidents since 01/01/2019).