

Project2 Where are the “vulnerable” sidewalks in Manhattan

The goal of this data visualization is to demonstrate the “vulnerable” sidewalks in Manhattan. When I looked into the 311 datasets, I paid special attention to the complaint type “sidewalk condition.” Having done the initial visualization, I found that some hot spot of this kind of cases concentrated in the lower Manhattan and Est mid-town, where sidewalks were complaint blocked or under construction. There also outliers that some specific locations have been reported repeatedly from 2016-2018. My work will dive into this factoid to present where they concentrated, when they happened, and which department should be responsible for handling them but failed to solve the problem. There will be a map showing the distribution of the cases in the city and the hot spot area as well as the repeatedly reported locations will be highlighted. On the side of the map, statistics will be broken down by specific description, streets, and dates. Viewers may use interactive functions such as annotations to have a look at the street view of selected locations.

