

Abstract:

The New York City traffic is very famous for its congestion and I would like to analyze the traffic for the year 2013 – 2014. My analyses will make use of the data sets - NYC-Traffic violation Count (<https://data.cityofnewyork.us/City-Government/Parking-Violations-Issued-Fiscal-Year-2016/kiv2-tbus>) and (<https://data.cityofnewyork.us/City-Government/Parking-Violations-Issued-Fiscal-Year-2014-August-/jt7v-77mi>).

I would like to find a pattern in the traffic violation tickets issued like the type of vehicle, make and model of the violating vehicle. Most number of reasons for violation (parking at hydrant, skipping red light, and speeding), try and find a pattern between the type of car and type of violation. Also I would like to analyze the dates the violation was issued and compare that with weather data. This will help to see if weather is related to the increase/decrease in violations.