

# 603 Project Proposal

Traffic in DC

# “Question”

Traffic and inclement weather tend not to mix - I think it would be interesting to observe some interactions between the two, to determine which factors have the greatest effect on collisions.

# Data on Traffic Collisions by Weather

- Opendatadc has data by year on traffic collisions in csv format
  - <https://opendata.dc.gov/datasets/crash-details-table/explore>
- NOAA has weather conditions by day in csv format
  - <https://www.ncdc.noaa.gov/cdo-web/datasets>

Using precipitation, snow depth, snowfall, average temperature, average wind speed by day from NOAA, I hope to compare frequency of crashes over a few years in DC to determine which weather conditions seem to have the greatest effect on collisions.

The data from opendata is readily available, and I have requested the data from NOAA (they had a small form to fill out).