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For my HW#3 I decided to use the Weather map API to scrape information for a trip from New York City to Buffalo upstate. The ten locations being New York, Newark, East Stroudsburg, Tobyhanna, Scranton, Binghamton, Corning, Dansville, Geneseo and finally Buffalo. I created a blank matrix for the weather conditions I wanted to scrape. Conditions such as min and max temperatures, humidity, visibility, and weather description. From there I appended the information to its respective matrixes and placed it into a pandas’ data frame. Finally, I converted the table into a csv file.

As someone who attended Buffalo University, I took this route often and felt like it was a fun way to implement APIs into daily life. When the information was taken from the weather map API, units were measured in imperial and weather description indicated mostly clear skies for the first half of the trip to Buffalo and starts to see more clouds when approaching Buffalo. We also see that the mean min and max are 71.59 and 82.36 respectively indicating pleasant driving conditions.