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My final project will focus on dog demographics and bites in New York City. Three datasets will be analyzed: the dog licensing, dog bite and dog run and off leash area data sets. The licensing data set will be used to get general dog demographic information, such as distribution of breeds, sexes, ages and locations.

The second part of the project will focus on bites. Information gained from the licensing dataset will be used to compare the demographics of dogs that bite to the approximate population data. While the licensing data can give a general idea of the population of dogs in NYC, many dogs are not licensed. Additionally, the dog bite dataset includes whether or not the dog was spayed or neutered.

The last part will compare the locations of where dogs are licensed, where bites happen and where dog runs and off leash areas are. This will help estimate if dog parks and runs are in optimal locations based on how many dogs live in the area. It will also help in understanding whether or not dog bites are more or less likely to occur in or near dog parks and runs.