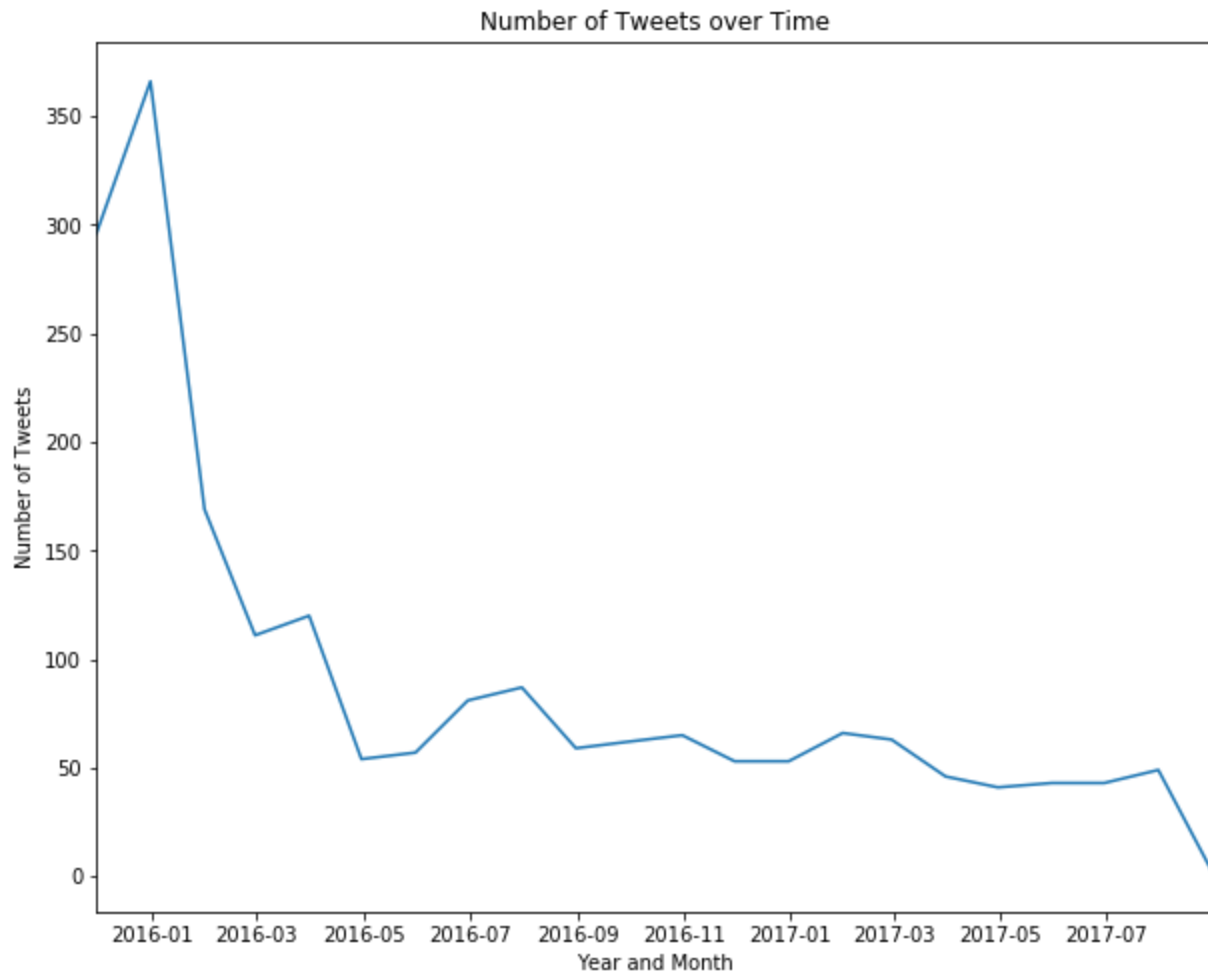


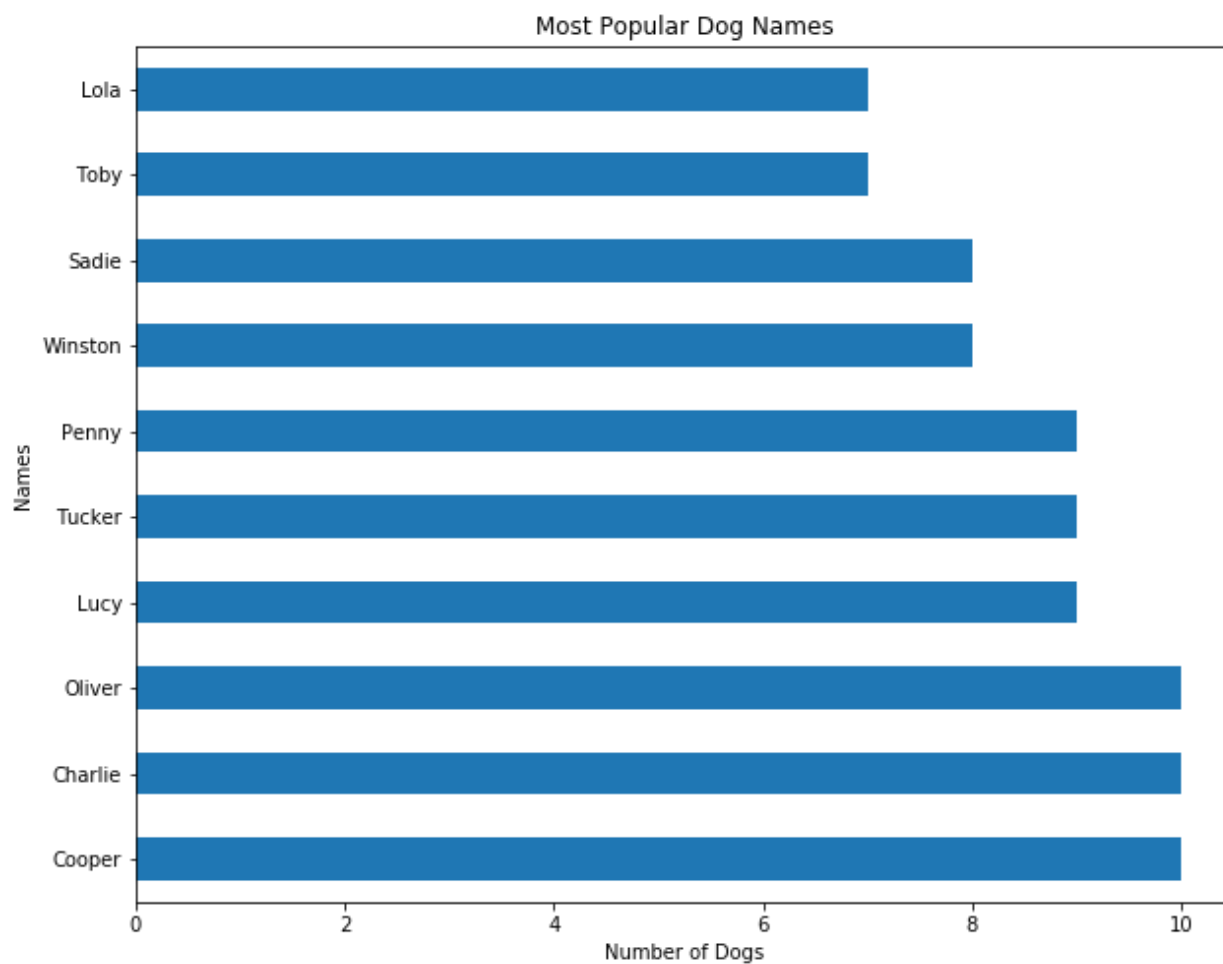
Analysis and Insights

Tweets over Time



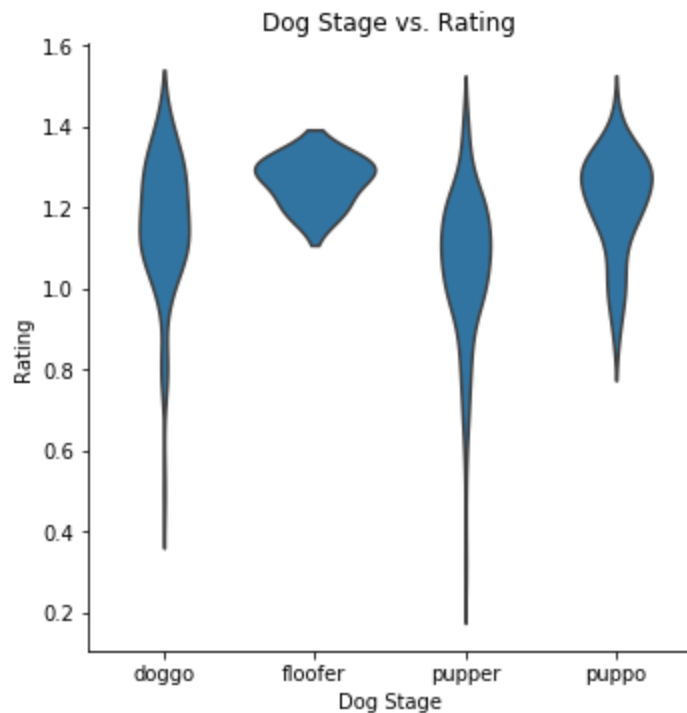
The data was collected from 11/30/2015 through 8/31/2017. We can see that at the end of 2015 and the start of 2016, there is a peak around 370 tweets. Then the tweets sharply declined in February. There is a small peak in April before another sharp decline. There are spikes in tweets as time goes on, but the numbers generally decrease overall. There is nothing in the dataset that can be used to infer the cause of the declining tweets, but the plot could be used as a warning that something should be done to boost the number of tweets again.

Popular Dog Names



This plot looks at what dog names are popular. This plot only shows the top ten dog names that are used within the dataset. The top three names are Cooper, Charlie, and Oliver.

Most Popular Dog Stage



There are four types of dog stage: doggo, floofer, pupper, puppo. The exact definition of these dog stages can be found in WeRatesDog's book, *The Dogtionary*. It is a bit difficult to interpret this plot. The rating is the number we get from dividing the rating_numerator by rating_denominator. I did this to normalize the ratings as some scores were not the standard #/10. The scores outside of the standard were caused by tweets with multiple dogs in the pictures. A rating of one would be equivalent to 10/10, so the expected ratings should be above 1 since WeRateDogs normally give dog scores above 10. This is not always the case as it can be seen by the long tails on the doggo and pupper variables. Both of them have outliers with much lower ratings. If the most popular dog stage is based on the highest rating where most points are distributed, then the most popular dog stage would be either the floofer or puppo.