# Analysis Insights

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Introduction

Goal of this project is to gather data from a variety of sources and in a variety of formats, assess its quality and tidiness, then clean it. The dataset that will be wrangled (and analyzed and visualized) is the tweet archive of Twitter user @dog_rates, also known as WeRateDogs. WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog.

Total Tweet's Over Time

Overall, there is a downward trend in number of tweets per month. There are few times when an increase in monthly tweets was observed. This seemed to happen between 2016-04 to 2016-10. A plausible reason for this decline could be due to emergence of new social media platforms.
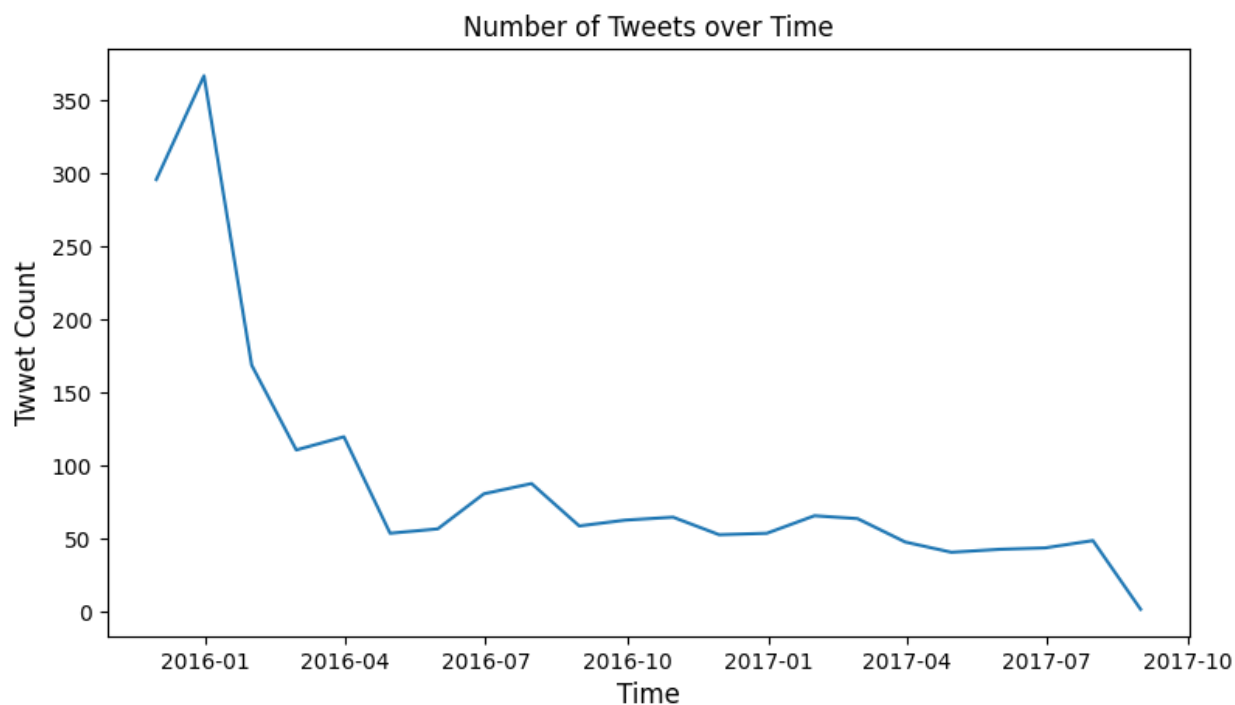
Popular Dog Breeds

Golden retrievers are by far the most popular breed followed by Labrador retriever and Pembroke. This is based on the number of times each dog was tweeted about.
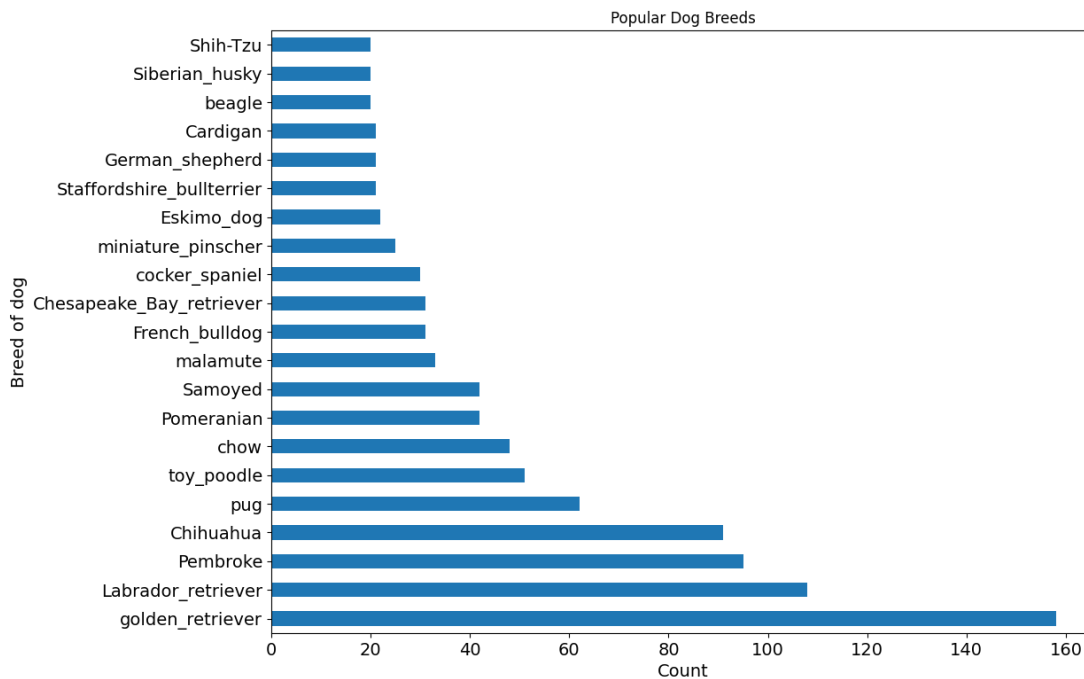

Ratings Distribution

The distribution of dog ratings numerator seems to be skewed to the right. Once again this is to be expected as dogs who are popular or have higher ratings are the ones who are frequently tweeted about.
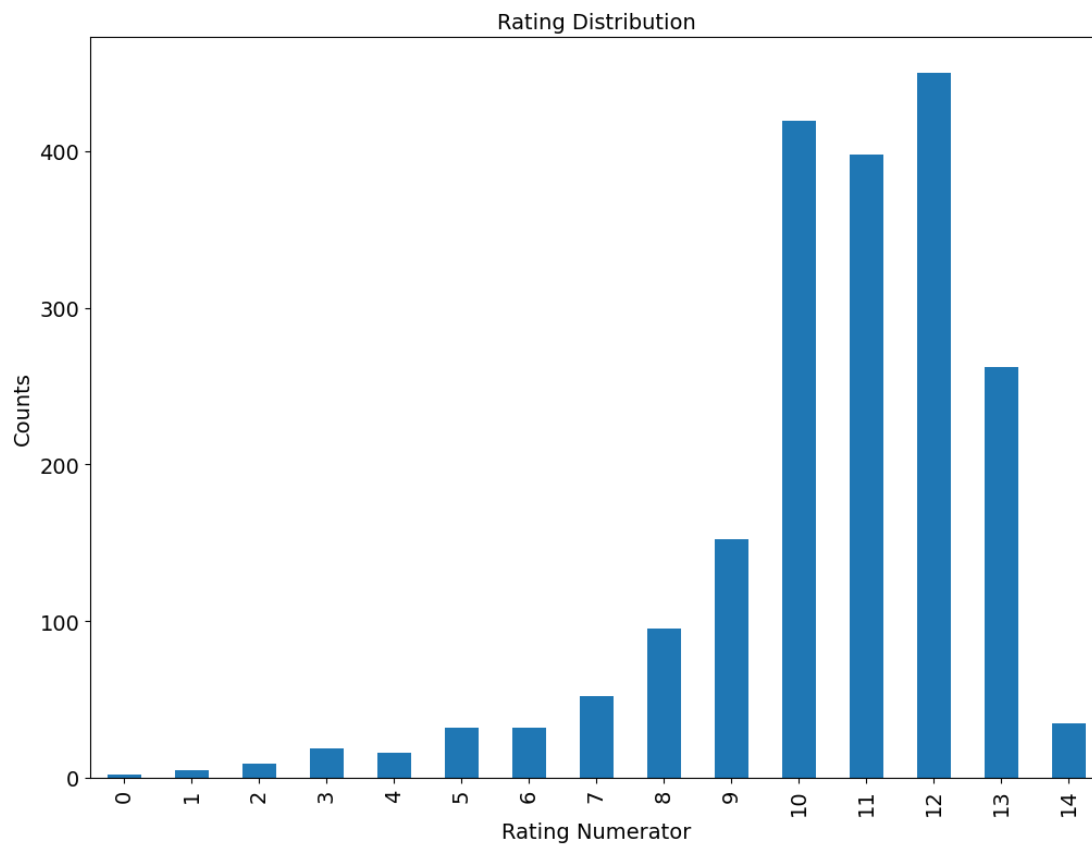
Common Dog Name

It is quite interesting to observe the most common names of dogs being tweeted. The top 10 choices are pretty close with not much differentiate between them in terms of counts. One would have assumes certain names are way more common then others. But data shows that there is plenty of variety when it comes to name choice.
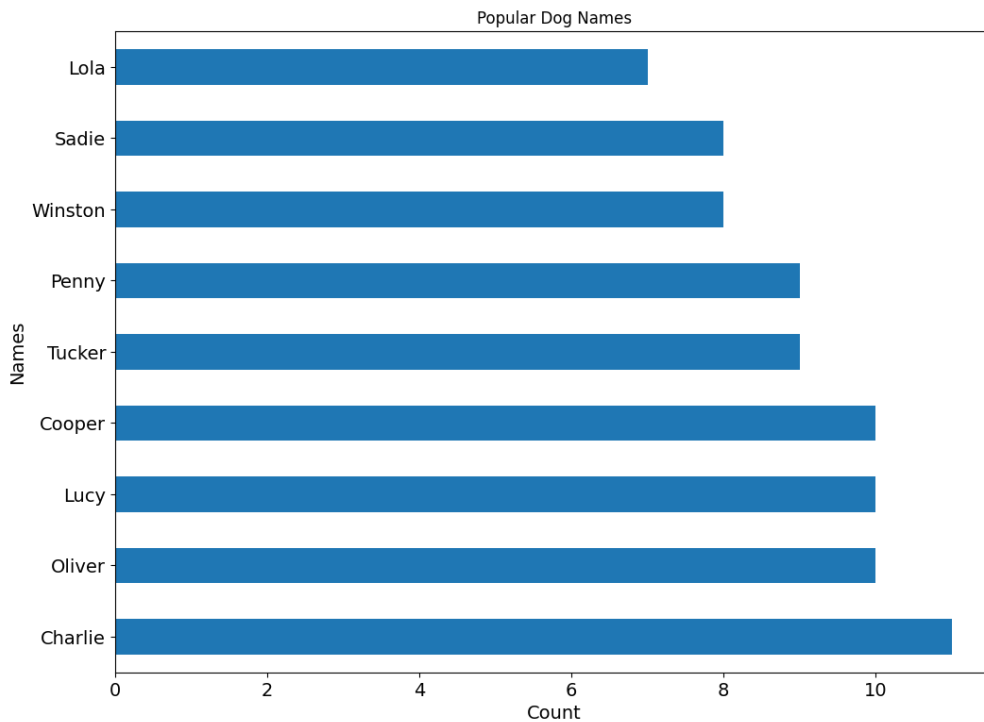
Relationship between Retweets and Favorites

We observe a strong positive trend between retweets count and favorite(like) counts. This is to be expected as most people who favorite a tweet tend to retweet it.