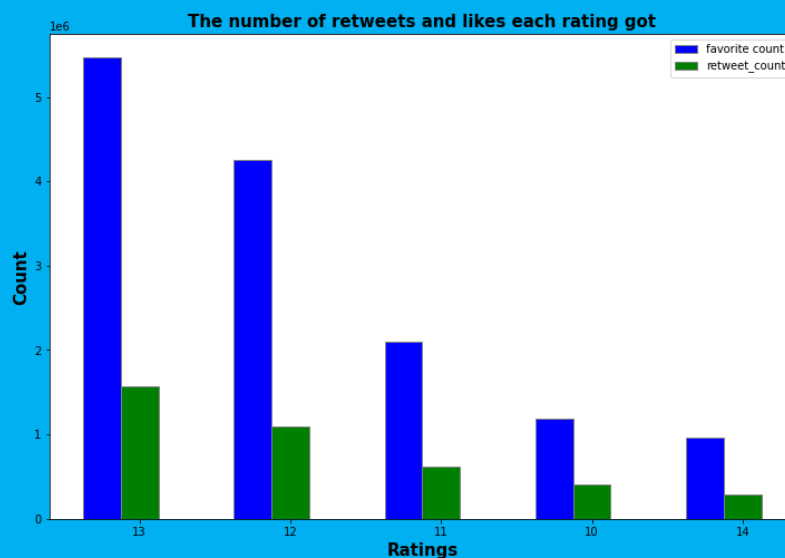


We rate dogs

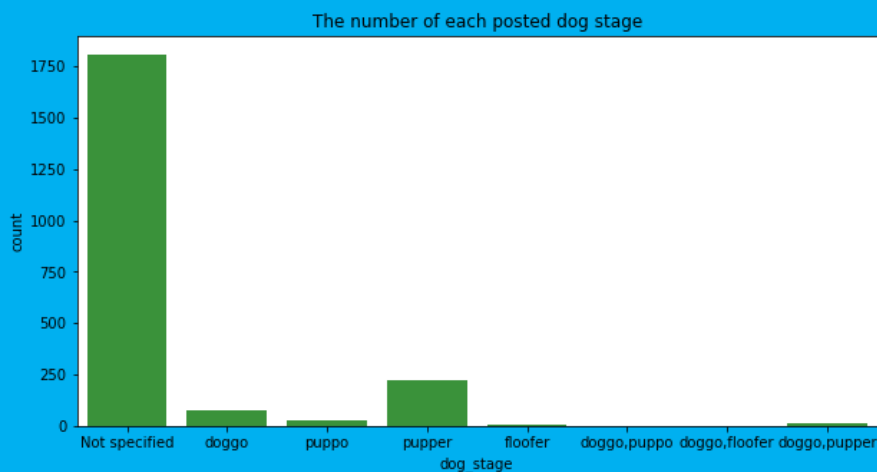
We rate dogs is a popular twitter account that was started by Matt Nelson in 2015. This twitter account rates people's dogs with a humorous comment about the data. For my Udacity project I combined three We rate dogs datasets which is the twitter archive, image prediction file and the additional Twitter API. I then assessed and cleaned the data and then stored it into a twitter_archive_master.csv file.

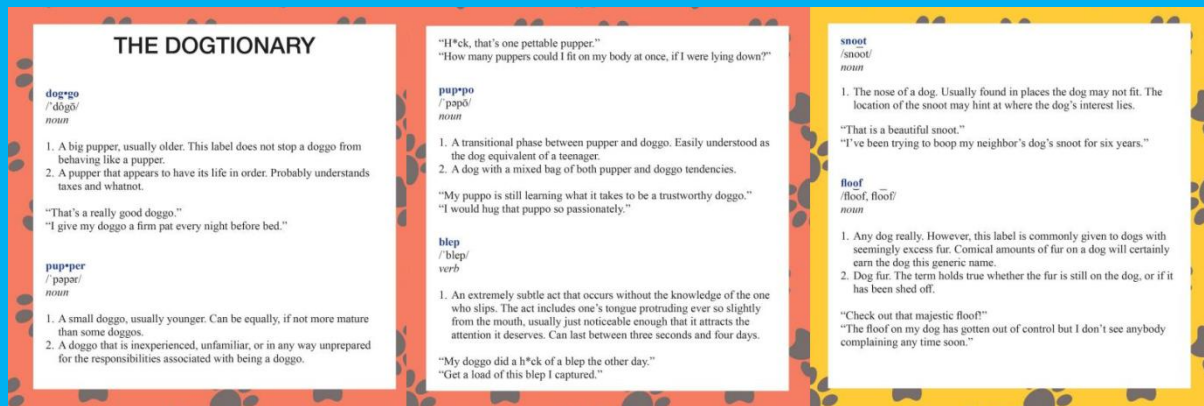
After analysing the data these are the insights and visualisations I came up with:

- The rating given to the dog does not affect the number of retweets and likes(favorites) it will get. People rate the dogs based on their own personal feelings towards the post



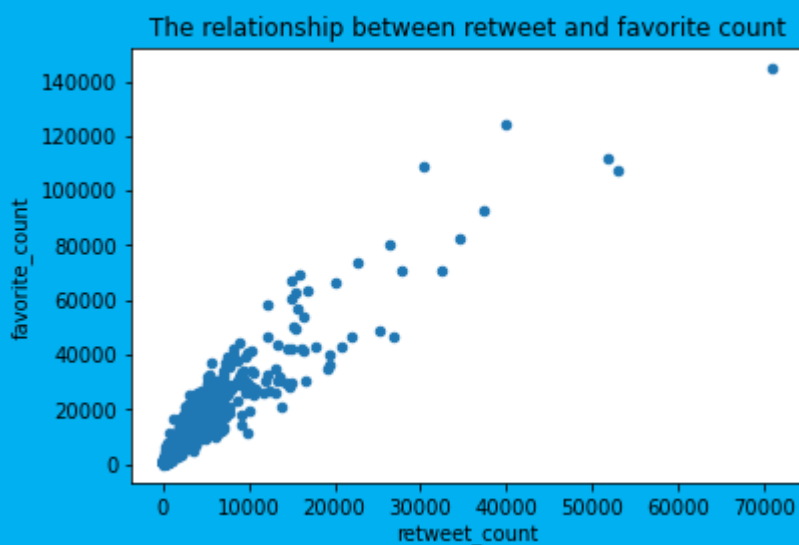
- Most people did not specify their dog stages. Of the few, that were specified, puppies were the most common dog stage. Below I have attached a picture that defines all the dog stages.



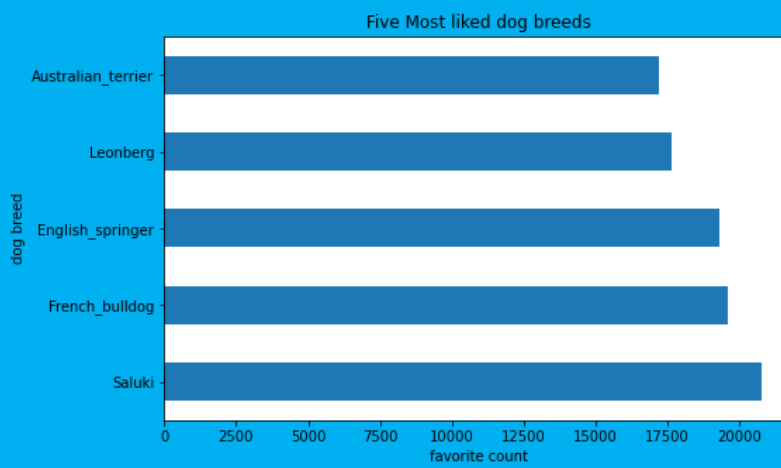
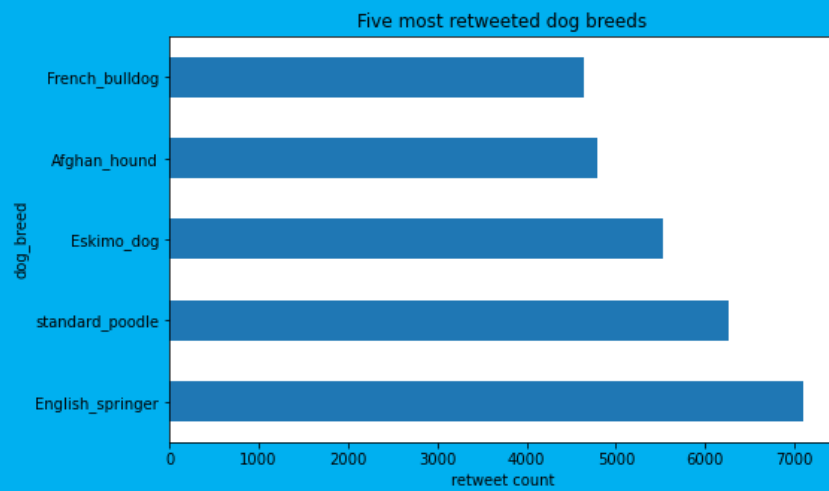


The Dogtitionary explains the various stages of dog: doggo, pupper, puppo, and floof(er) (via the [#WeRateDogs book](#) on Amazon)

- Retweet count is highly correlated to favorite count. Most dogs with high retweets also showed higher retweet counts. This is acceptable because someone who retweets a post on twitter is most likely to also like it. But it is much easier and faster to like than to retweet hence likes will always be more than retweets.



- Golden retrievers dominated most of the dataset
- One would think that since the Golden retriever was the most popular breed on the account, it would get more likes and retweets. But it turns out that Saluki was the most liked dog breed out of the 5 most liked dog breeds. The English springer got the most retweets of all dog breeds. It is also in the 3rd most liked dog breed and we can single it out as the top performing breed. One thing they have in common are those long adorable ears.



English springer



Saluki