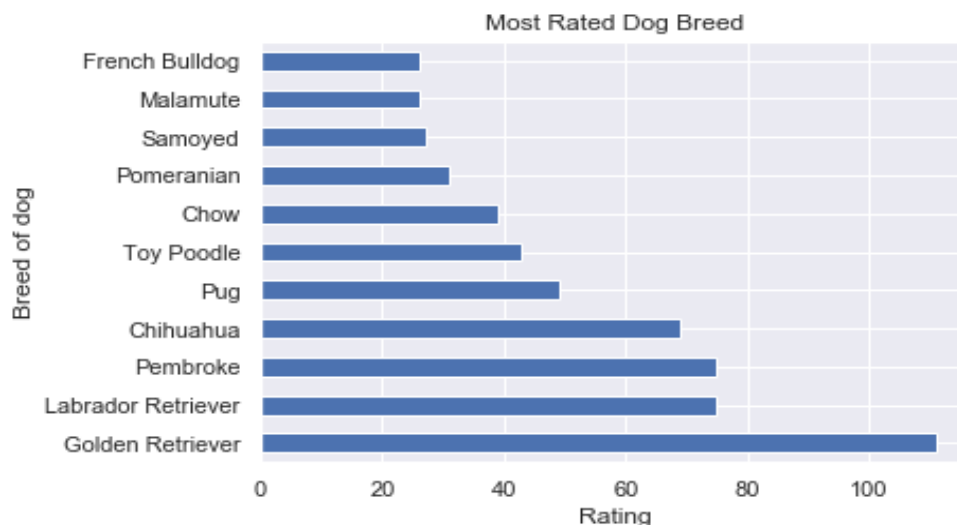


WeRateDogs: Wrangling, analyzing, and visualizing

WeRateDogs is a popular Twitter account where followers can post humorous comments about a dog, its rating from its photo. Active since November 2015 with over 7.6 million followers by January 2019, WeRateDogs has grown beyond being a Twitter account to launch their own store with related dog products.

Udacity made the data relating to WeRateDogs available as part of Data Analyst Nanodegree Program which includes only tweets up to August 2017, and these tweets were filtered to remove retweets which are tweets with dog breed missing and tweets where there was no image.

What is the most popular dog breed?



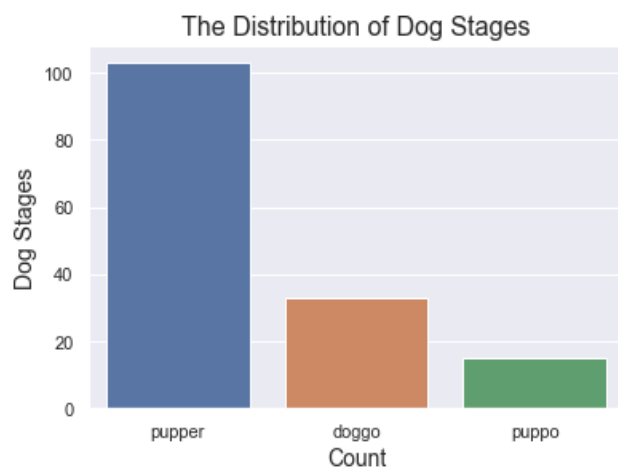
The most popular dog breed is a Golden Retriever (111), while Labrador retriever and Pembroke are equally in the second place (75), then comes Chihuahua in the third place (69).



And the winner is Sam.
 Sam is a Golden Retriever has the best
 rating with 3.4, who smiles 24/7 and
 secretly aspires to be a reindeer.
 Keep Sam smiling by clicking and
 sharing his:
<https://t.co/LouL5vdxvxx>

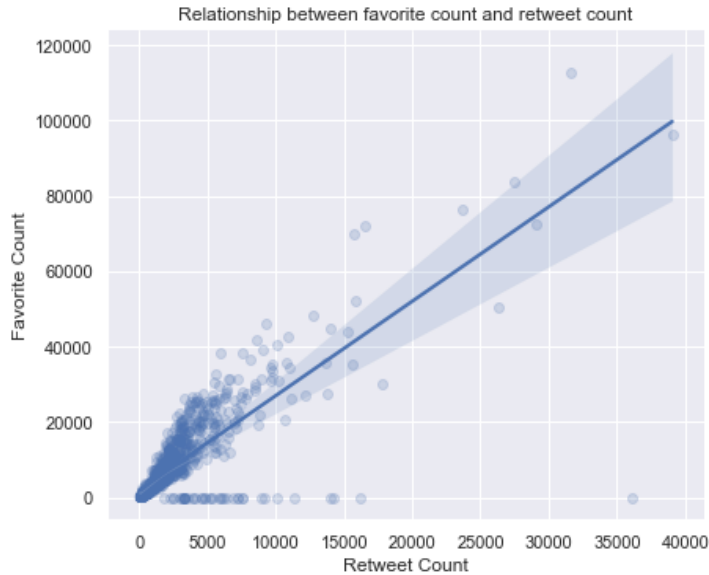
What is the most frequent Dog stage?

WeRateDogs has developed its own dog development stages based on the age and appearance of a dog. For instance, puppies are **puppers**, older are **puppos**, then comes **doggos** and hairy dogs are **floofers**.



Pupper is the most frequent reported dog stage (245), followed by doggo (83), while puppo (29) and floofer (9).

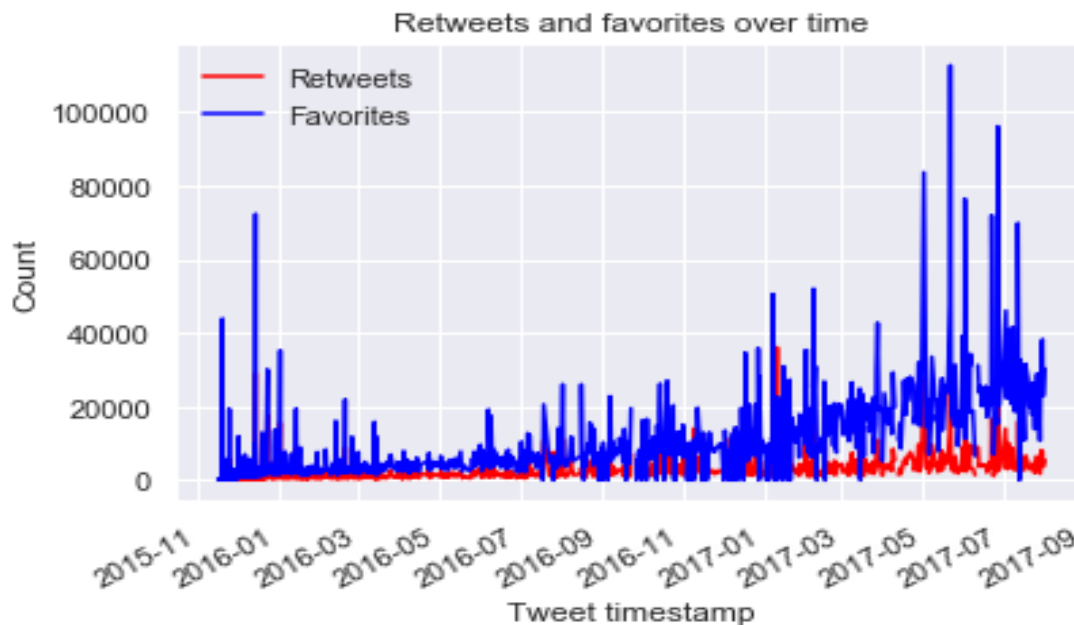
What's the relationship between the number of retweet and favorite count?



There is a strong relationship between favorite counts and retweet counts.

The coefficient of correlation between the number of retweet and favorite count is positive and it is around 0.85 which means that a dog breed with the highest retweet tends to have higher favorite account.

The distribution below shows how many retweets as well as favorites (likes) over time.



We can conclude that favorite counts are higher than retweets and their trends is increasing over time. It worth noting that the highest ratings do not receive the most retweets.

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