

## INTRODUCTION

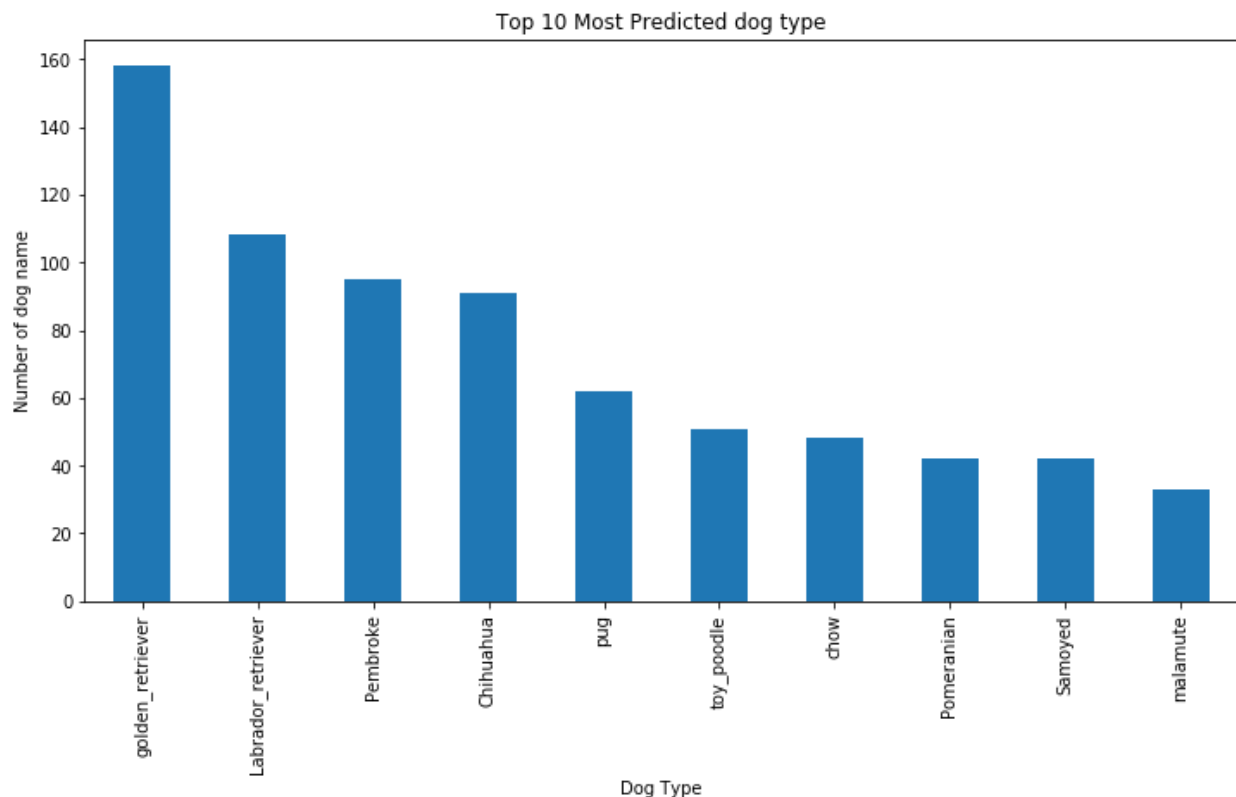
WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. WeRateDogs asks people to send photos of their dogs, then tweets selected photos rating and a humorous comment. Dogs are rated on a scale of one to ten, but are invariably given ratings in excess of the maximum, such as "13/10". Popular posts are re-posted on Instagram and Facebook.

## ANALYSIS AND VISUALIZATION

After merging the cleaned data, I stored the clean DataFrame in a CSV file with the main one named `twitter_archive_master.csv`.

The analysis and visualization gotten from the wrangled data, are shown below:

Top 10 Most predicted Dog type

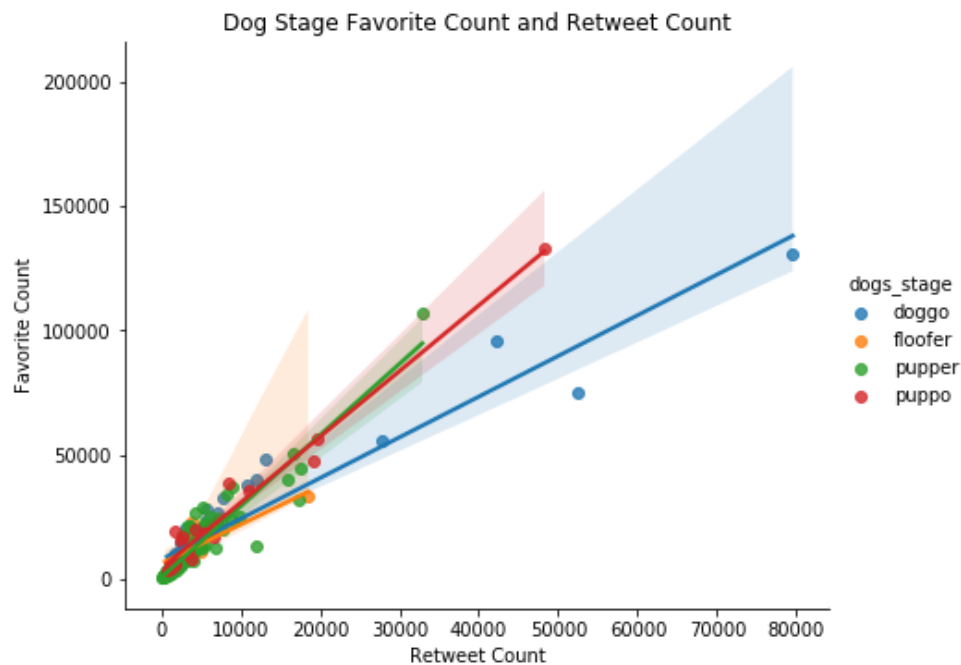


From the visualization above, we can see that the Golden retriever was the most predicted dog type followed by Labrador retriever, Pembroke, Chihuahua, Pug, Toy poodle, Chow, Pomeranian, Samoyed and Malamute.

I think that the Labrador retriever is the most predicted because the Golden Retriever is one of the most popular dog breeds in the U.S. The breed's friendly, tolerant attitude that makes them fabulous family pets, and their intelligence makes them highly capable working dogs.

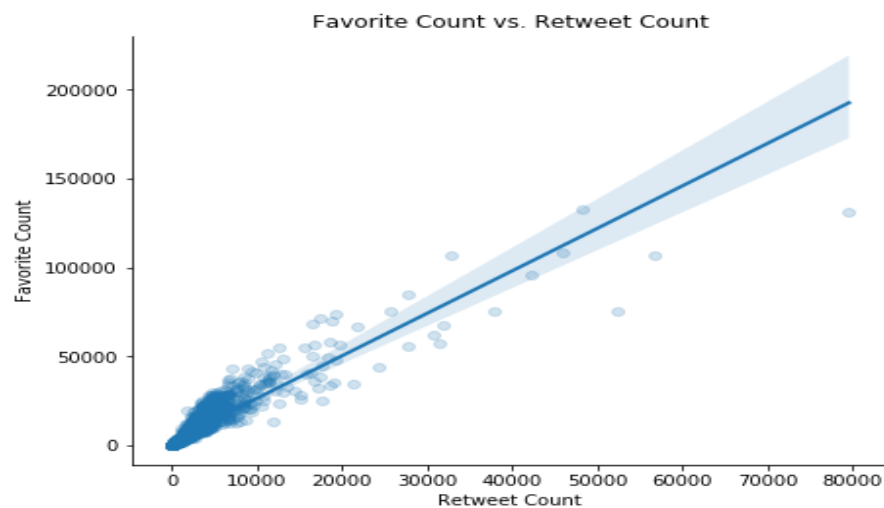
This breed excels at retrieving game for hunters, tracking, sniffing out contraband for law enforcement, and as therapy and assistance dogs. They're also natural athletes and do well in dog sports such as agility and competitive obedience.

### Dog Stage Favorite Count and Retweet Count



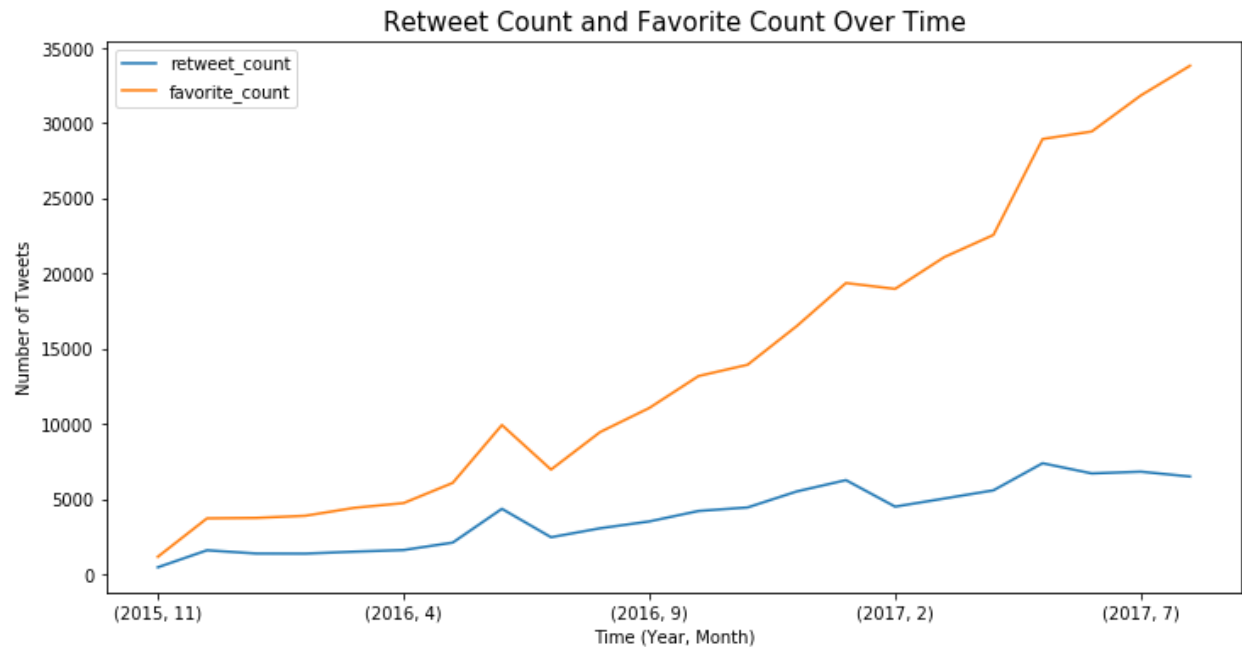
From this visualization, we can see that the dog stage that has the highest number of favourite count is Puppo and that the dog stage that has the highest number of retweet count is Doggo.

### Favorite Count vs. Retweet Count



From the chart above, we can see that there is a positive correlation between favourite count and retweet count. As favourite count increases, retweet count also increases.

### Retweet Count and Favorite Count Over Time



From the Chart above, we can see that there are more favorites than retweets. Both favorites and retweets, increased over the time. While the favorite count increases strongly with the number of retweets.