This documentation is to capture the analysis and visualization steps carried in the We Rate Dogs project

The final data 'twitter_archive_master.csv' consists of 1954 records with 29 columns

Analysis and Visualization for insights

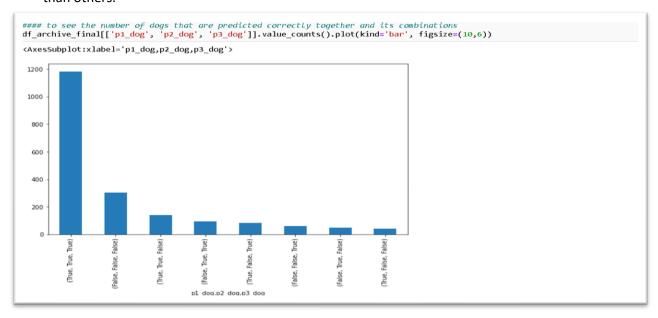
1. Viewing the number of different dog_stages:

There are four different dog_stages such as **pupper**, **doggo**, **puppo** and **floofer**. I have used value counts () method to see the numbers as well bar plot to see the count.

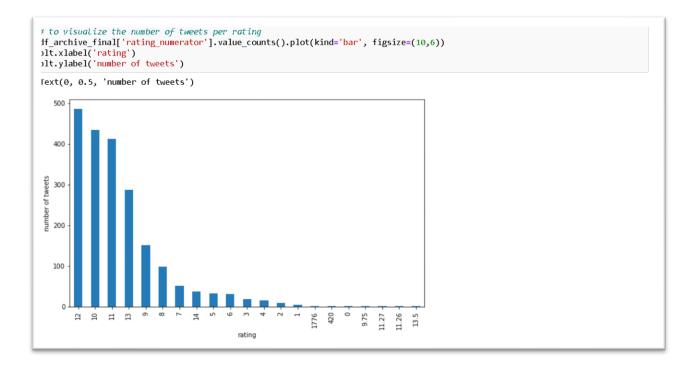
It is confirmed that the pupper is the highest dog_stages among other

2. To see the combinations of prediction of dog breed by three algorithms

Here the number of correct predictions (True, True, Ture) by all three algorithms is much higher than others.



3. To see how the tweets are distributed against rating Its clearly evident that the ratings between 12 to 9 have more tweets.



4. Top 5 breeds that are predicted correct
Its clear that golden retriever is the top breed that is predicted right by the algorithms



5. Correlation between various variables like retweet_count, favorite_count, confidence and rating_numerator

From the pair plot below, its understood that the retweet_count and favorite_count have positive correlation

