# Analysis

Insights:

1. The nickname "pupper" has been used the most in the tweets
- Here below we can see that from the nicknames sourced from our data, it appears that the name "pupper" has been used the most, at around 160 time. On the lower end, it appears floofer is least used with less than 20 tweets containing that nickname.
- It is also evident that there is a significant preference for the phrase "pupper", compared to others.
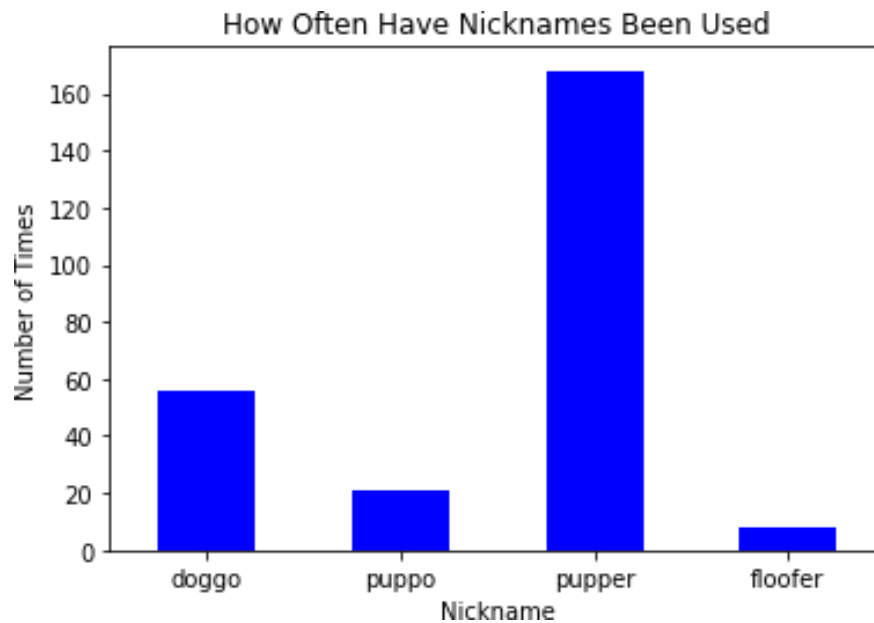
2. Retweets and favorites are positively related
- Plotted using log, it is clear that retweets and favorites are positively correlated. That means that the more retweets a *dog_rates* tweet gets, it receives a similar amount in favorites.
- Log was used to get a clearer picture of the data and creates a more informative visualization
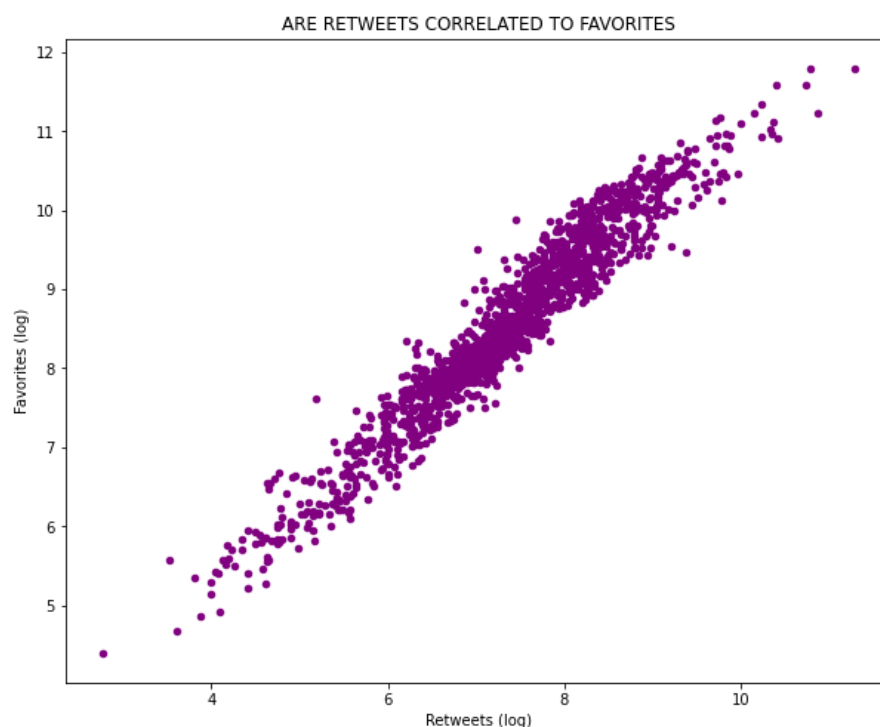
3. The higher the rating, the higher the reach.

- Here below we can see that the ratings given on dog rates, ranging from 10 to 14 out 10 determine the extent amount for each the tweet they receive in comparison. The highest rating of 14/10 received both the highest retweet amounts on average as well the favorites. This also continues down the order of 13 all the way to 10/10.

- This goes to show that people prefer the higher rating of dogs and retweet those selected higher rates more often.

- Furthermore, on average on one end, 14/10 received more retweets by such a higher margin that its lowest rating of 10/10, ultimately almost 5 times more retweets.

- It seems if the dog_rates owner continued to rate the dogs at 14/10 they would consistently receive more retweets.