# WeRateDogs Data Analysis Report

WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. It was started in 2015 by college student Matt Nelson, and has received international media coverage both for its popularity. Data used in this project is grabbed from inception up to and excluding August, 2017 about 2400 tweets initially. In particular, number of retweets and favorite counts are analysed and are drafted in this report

Analysed questions:

Which stage has the highest number of posts?

In the data there are specifically four stages of dogs are mentioned, so having these four stages, which stage has got highest number of posts is analysed -
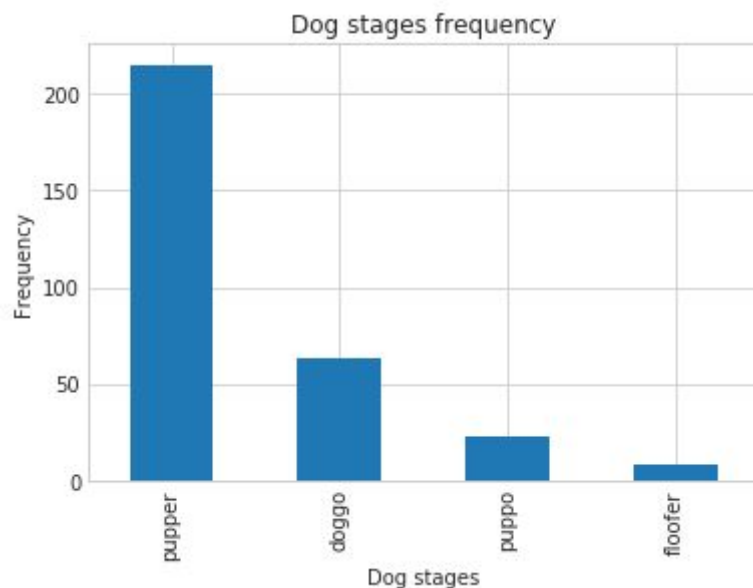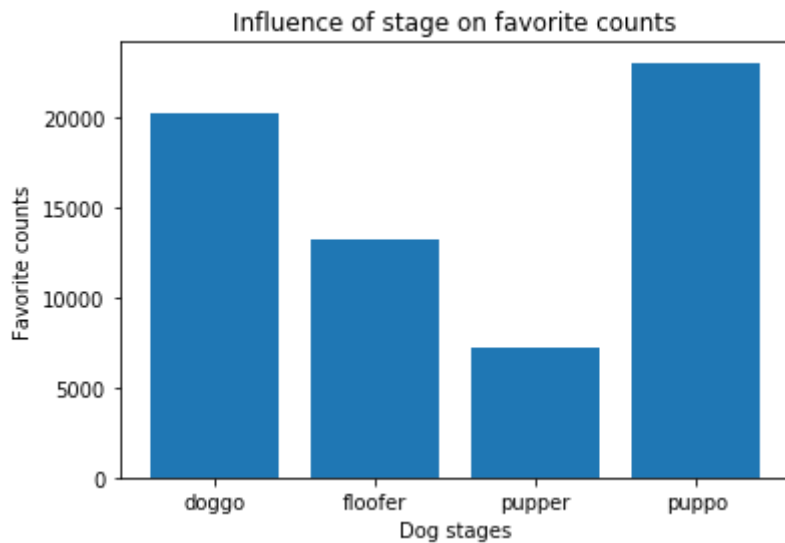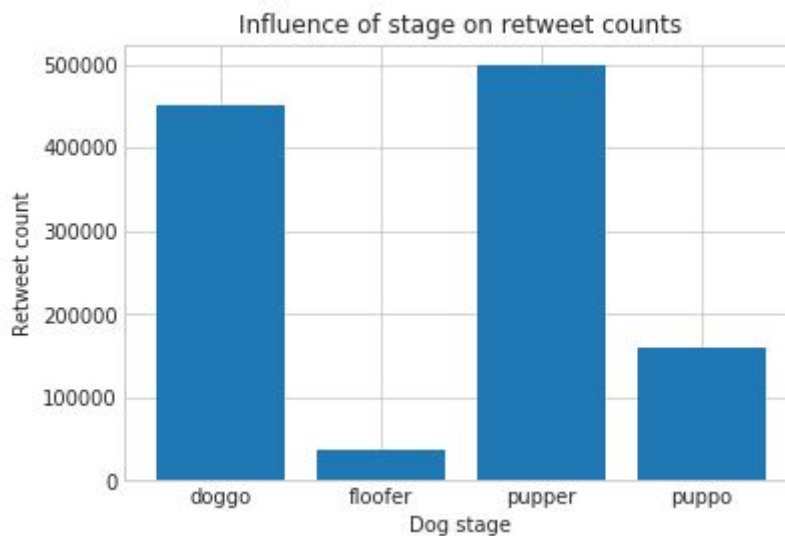

Conclusion

Given four stages of dogs are Pupper, Doggo, Puppo, Floofer. Out of these 4, Pupper has the highest number of posts.

Does dog_stage has any influence on favorite_count and retweet_count?

Dog stage vs Favorite count

Dog stage vs Retweet count

Conclusion

- Besides pupper having the highest frequency, Puppo gets the highest number of favorite counts followed by Doggo, Floofer, Pupper and Doggo gets the highest number of retweet counts followed by Puppo, Floofer, Pupper.

Is there any correlation between favorite and retweet counts?

Correlation between favorite & retweet counts

pearsonr = 0.93; p = 0
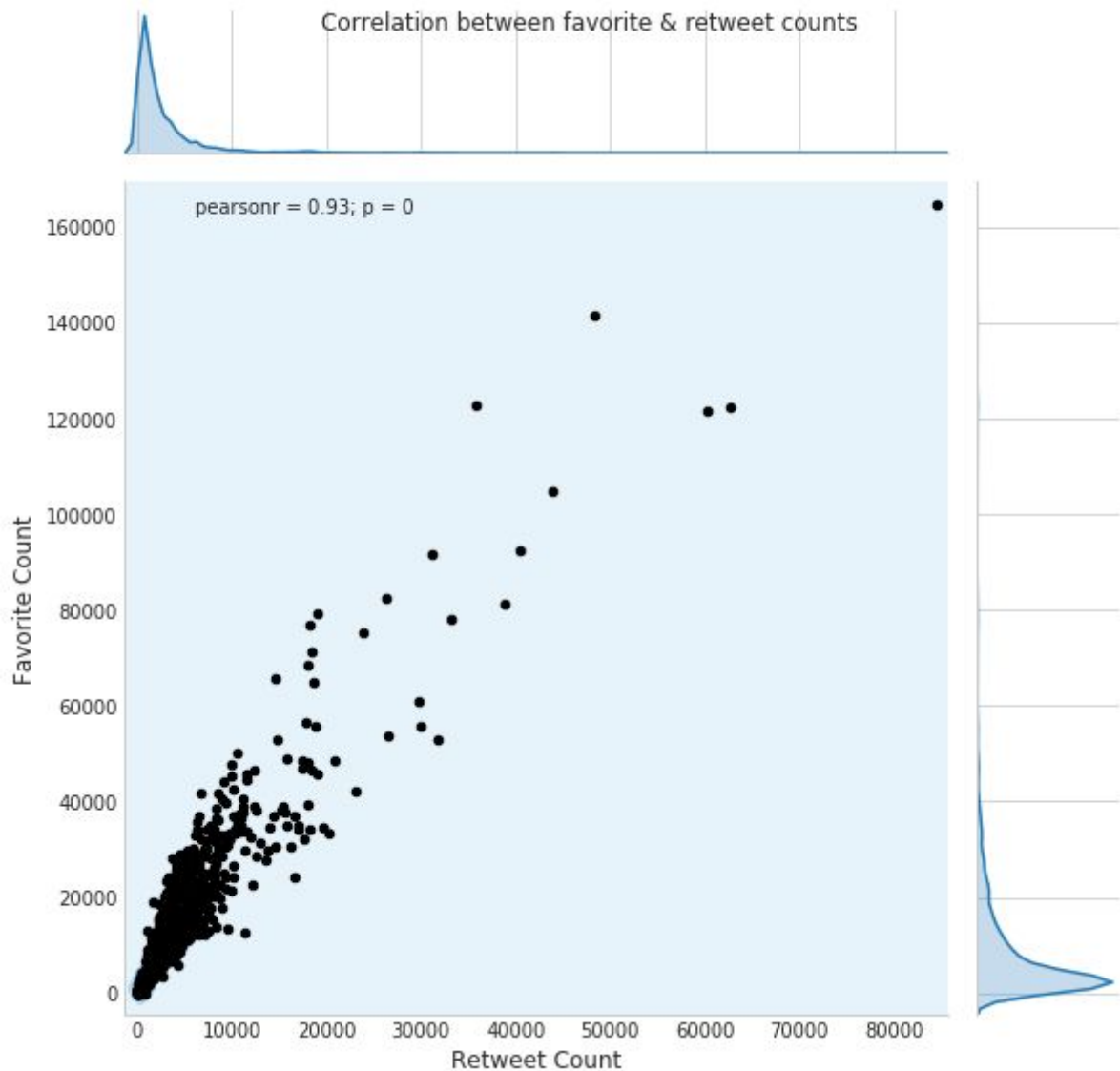
Conclusion

There exists a positive correlation between favorite count and retweet count. The relation is too strong when there are less number of likes or retweets and as they increase, the relation becomes weak.