

WeRateDogs

Insights and Visualization



Meet our TOP 1 Dogs!!!

Highest Rating at 1776/10!!!!



WeRateDogs®
@dog_rates

This is Atticus. He's quite simply America af. 1776/10



12:00 AM · Jul 5, 2016 · TweetDeck

2.5K Retweets 5.1K Likes



WeRateDogs®
@dog_rates

Here's a doggo realizing you can stand in a pool. 13/10 enlightened af (vid by Tina Conrad)



79,515 Retweets!!!

3:26 AM · Jun 19, 2016 · Twitter for iPhone

81.2K Retweets 155.5K Likes

132,810 Likes!!!!



WeRateDogs®
@dog_rates

Here's a super supportive puppo participating in the Toronto #WomensMarch today. 13/10



Maire Jones

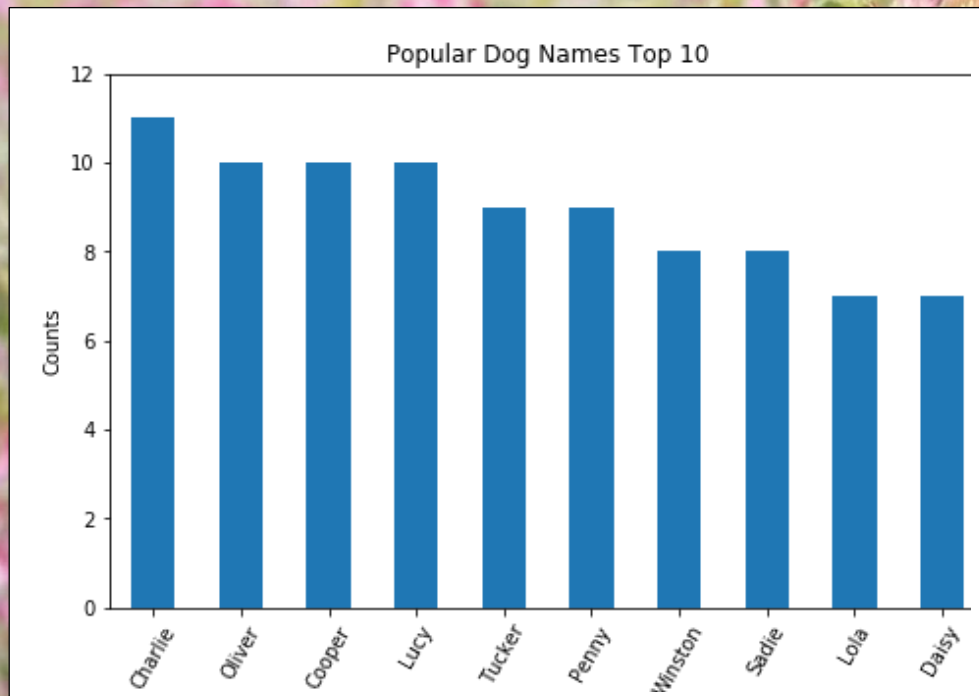
3:26 AM · Jan 22, 2017 · Twitter for iPhone

44.7K Retweets 132.5K Likes

Most Common Dog Names

TOP 10

• **The most common dog names top 10 are:** Charlie, Cooper, Lucy, Oliver, Penny, Tucker, Winston, Sadie, Lola and Daisy.



Findings:

Chart 1 (Counts on Dog Stages):

- There are totally four kind of dog stages in our datasets, which are pupper, doggo, puppo, floofer. And pupper is the most common dog stage among the four.

Chart 2-4 (Rating/Retweet Counts/Favorite Counts on Dog Stages):

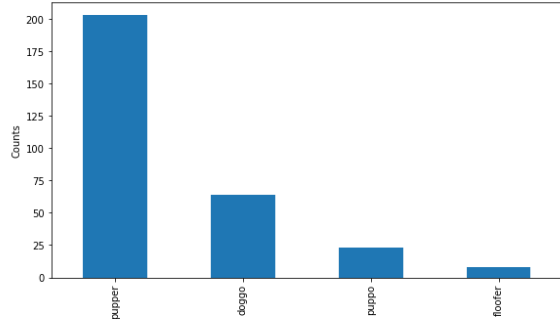
- Pupper has the lowest rating, retweet counts, and favorite counts among the four dog stages in general.
- There are many outliers for retweet and favorite counts for pupper, while they are not high compared to the other three dog stages.
- There are outliers for doggo with extremely high counts of retweet and favorite.
- The median of rating, retweet counts, and favorite counts for other three dog stages are almost the same.

Findings about Dog Stages

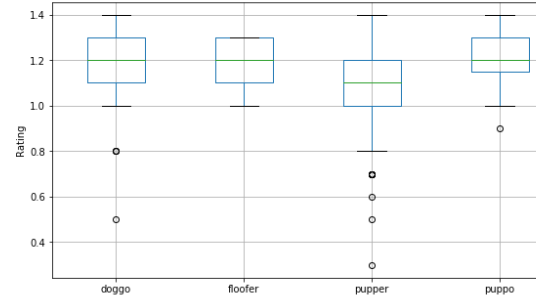


Boxplot grouped by dog_stage

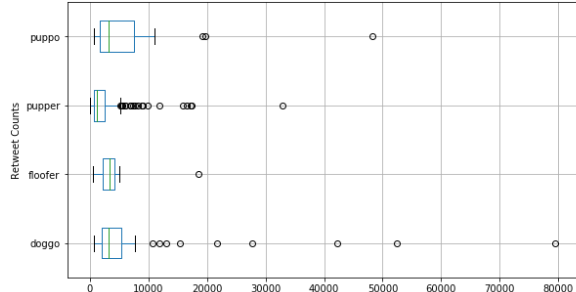
Counts on Dog Stages



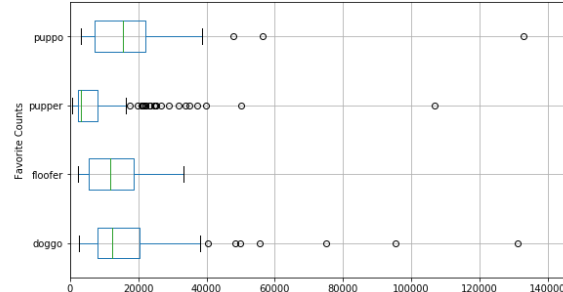
Rating on Dog Stages

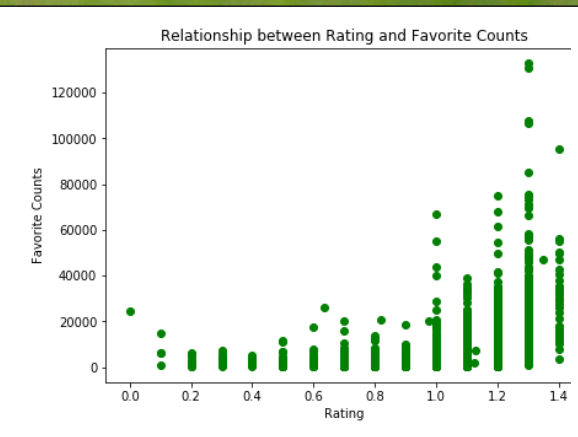
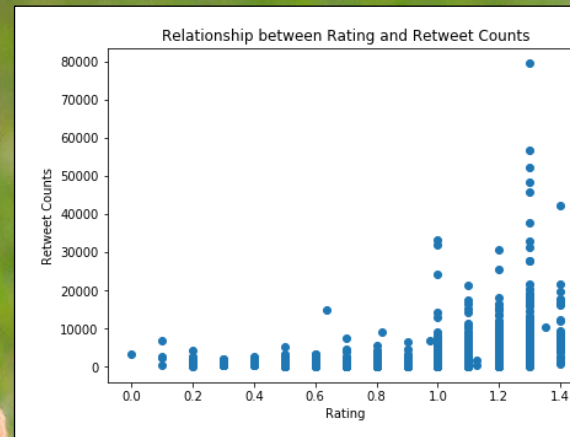
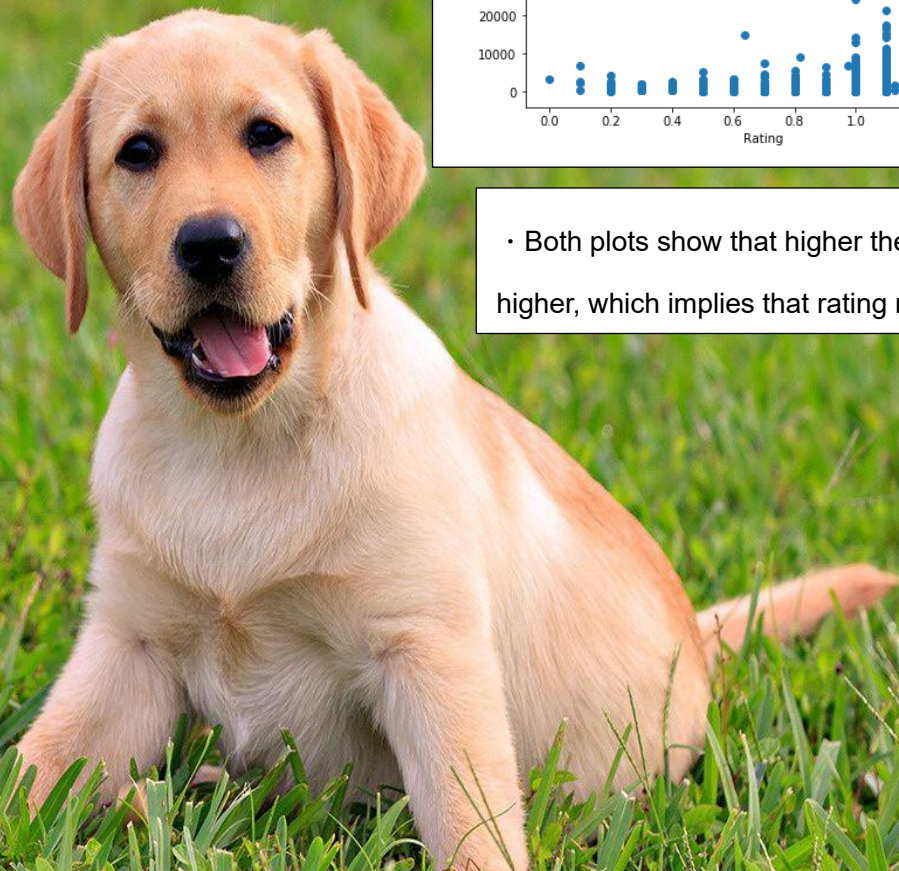


Retweet Counts on Dog Stages



Favorite Counts on Dog Stages

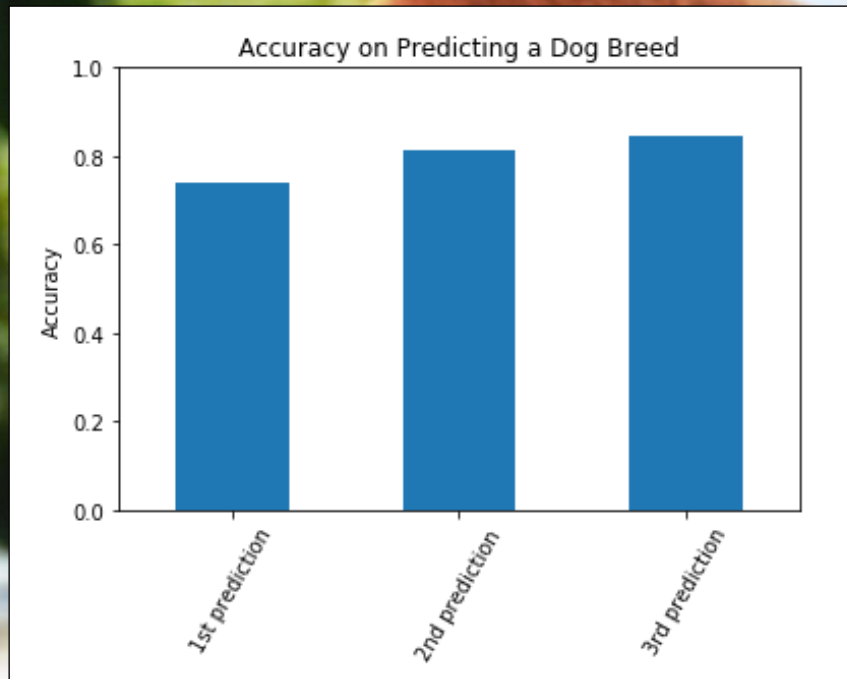




- Both plots show that higher the rating is, the number of retweet or favorite counts is higher, which implies that rating may have impact on the retweet and favorite counts.

Relationship between Ratings and Retweet/Favorite Counts

Performance of the Algorithm on Predicting a Dog Breed



- The accuracy of first prediction on successful predicting a dog breed is about 75%.
- The accuracy of second prediction is increased by about 7%, while the increase for accuracy of the third prediction is getting lower at 3%.
- The accuracy of the algorithm for predicting a dog breed is around 85% total.