

WeRateDogs: Analysis and Visualization Report

As part of this project, I wrangled WeRateDogs Twitter data to create interesting and trustworthy analysis and visualizations. WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. In this analysis, I tried to analyze these questions-

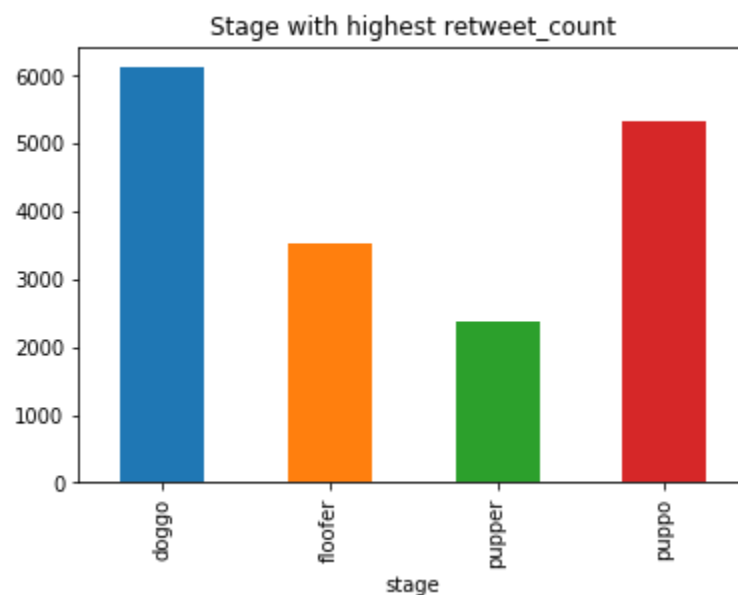
1. Which stage of dog got highest retweet_count and favorite_count?
2. Are ratings, retweet_count and favorite_count co related?
3. What are the top 10 most predicted breed of dog?
4. What are the top three breeds of dogs got the highest ratings?
5. What are the top three breeds of dogs got the highest average retweet counts ?

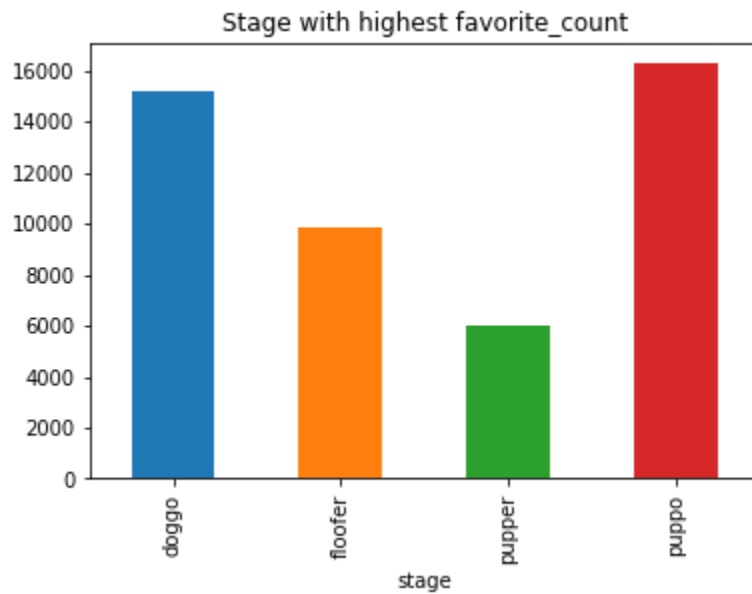
Before jumping to the analysis, we need to understand our limitation and other factor that affects analysis:

Limitation

1. There are only 15% of data have stages means the analysis about stages will be 85% degree inaccurate .
2. There are 80% of the data have prediction about breeds means the analysis about breed will be 20% degree inaccurate.

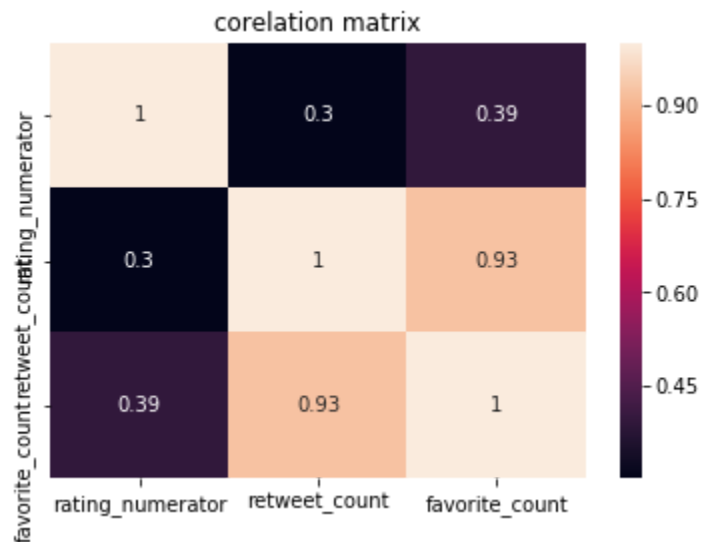
Q1-Which stage of dog got highest retweet_count and favorite_count?



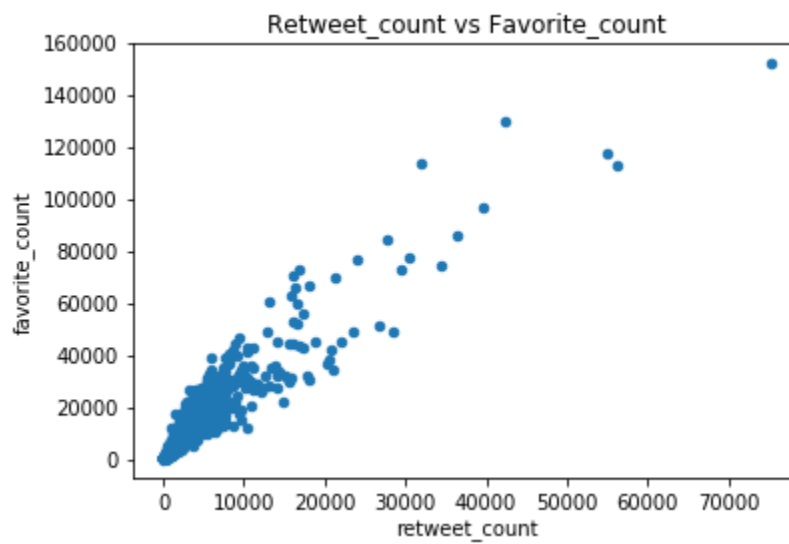
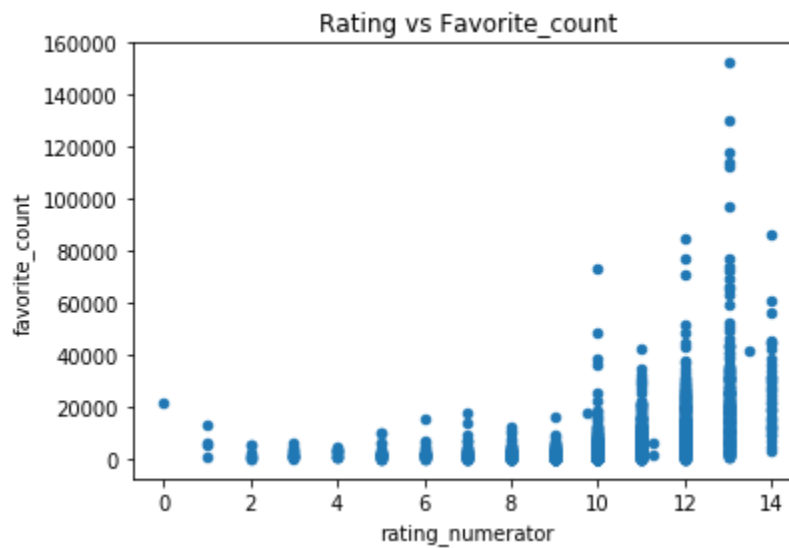
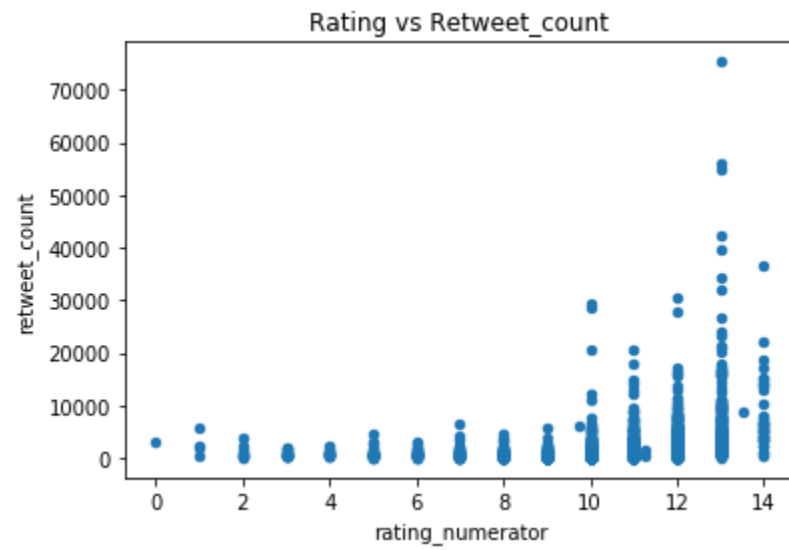


The stage of doggo and puppo got the highest retweet_count and favorite_count respectively.

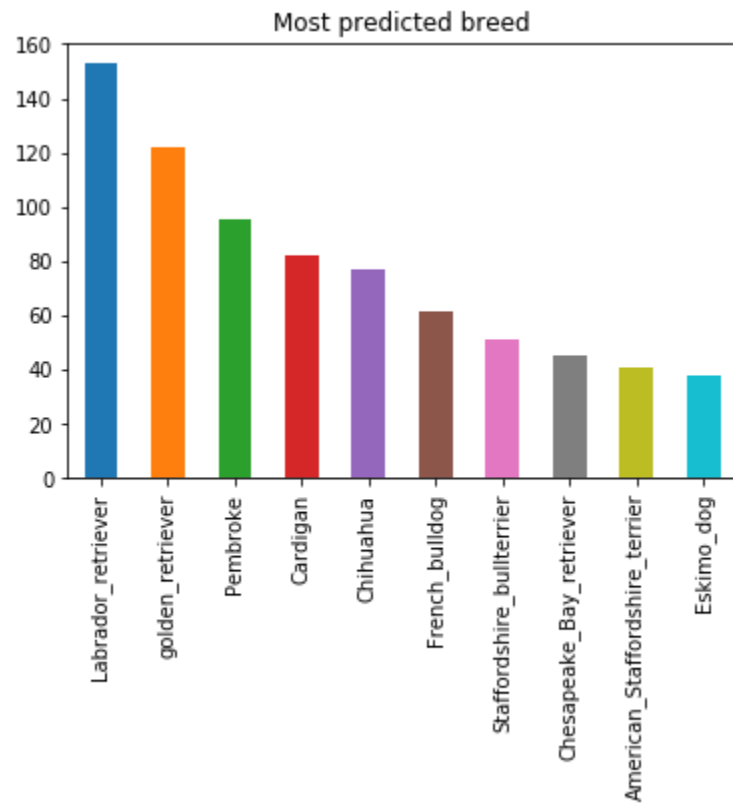
Q2. Are ratings, retweet_count and favorite_count co related?



There is no clear relationship between the retweets and the ratings & favorite and the ratings . But there is a strong positive correlation between Favorites and retweets i.e a linear relationship between the retweet counts and the favorite counts. The same can be confirmed by the below scatterplot.



Q3. What are the top 10 most predicted breed of dog?

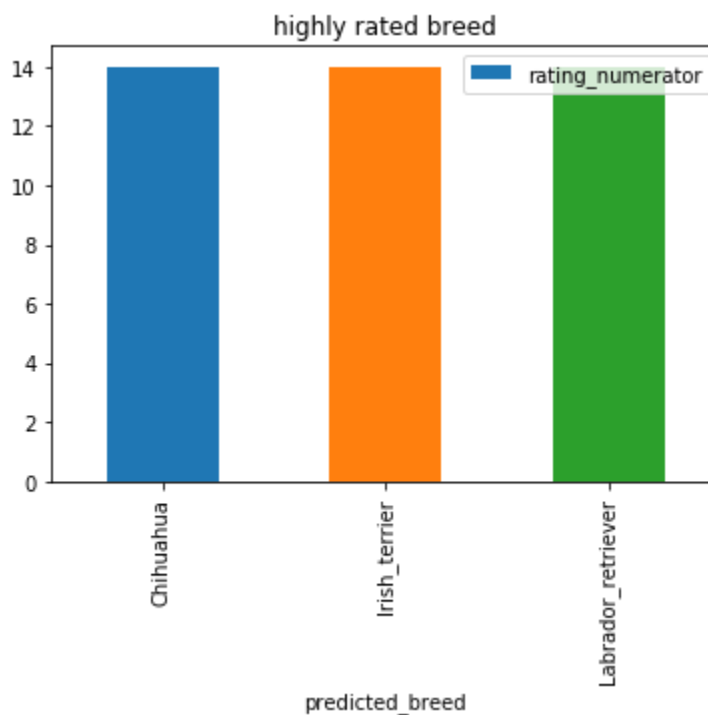


As we can see

Labrador_retriever, golden_retriever, Pembroke, Cardigan, Chihuahua, French_bulldog, Staffordshire_bulldog, Chesapeake_Bay_retriever, American_Staffordshire_terrier, Eskimo_dog are the top 10 most predicted breed

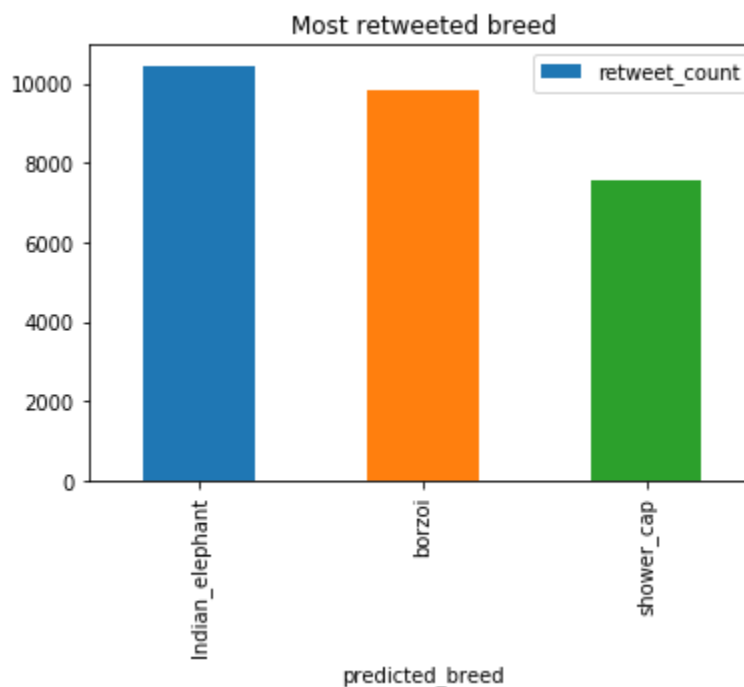
. The top 1 Labrador_retriever predicted 153 times while golden_retriever predicted 122 times

4. What are the top three breeds of dogs got the highest ratings?



As we can see Chihuahua,Irish_terrier,Labrador_retriever are the top 3 breed of dogs got highest ratings.

Q5. What are the top three breeds of dogs got the highest average retweet counts ?



As we can see Indian_elephant,borzoi,shower_cap are the top 3 breed of dogs got highest average retweet_count.

In []:

