

#WERATEDOG

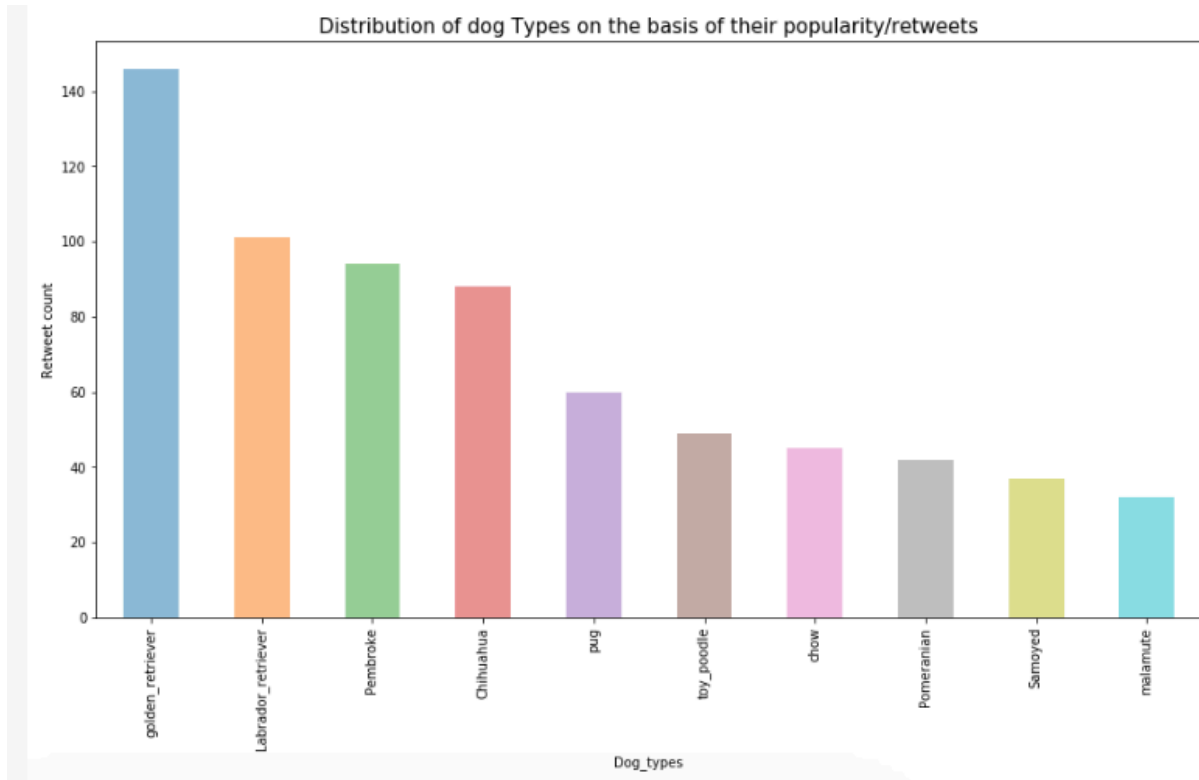
ANALYSIS AND VISUALIZATION.

Wrangle and Analyze data is part of Udacity's Data Analyst Nanodegree Programme. The project involves wrangling of data from different sources associated with tweets from the Twitter user @dog_rates also known as WeRateDogs. WeRateDogs rates picture of people's dogs in a humorous manner, most often giving rating higher than 10/10. After scraping together the data, quality and tidiness issues were assessed and then cleaned.

These are some of the insights and visualization of the findings that I have covered.

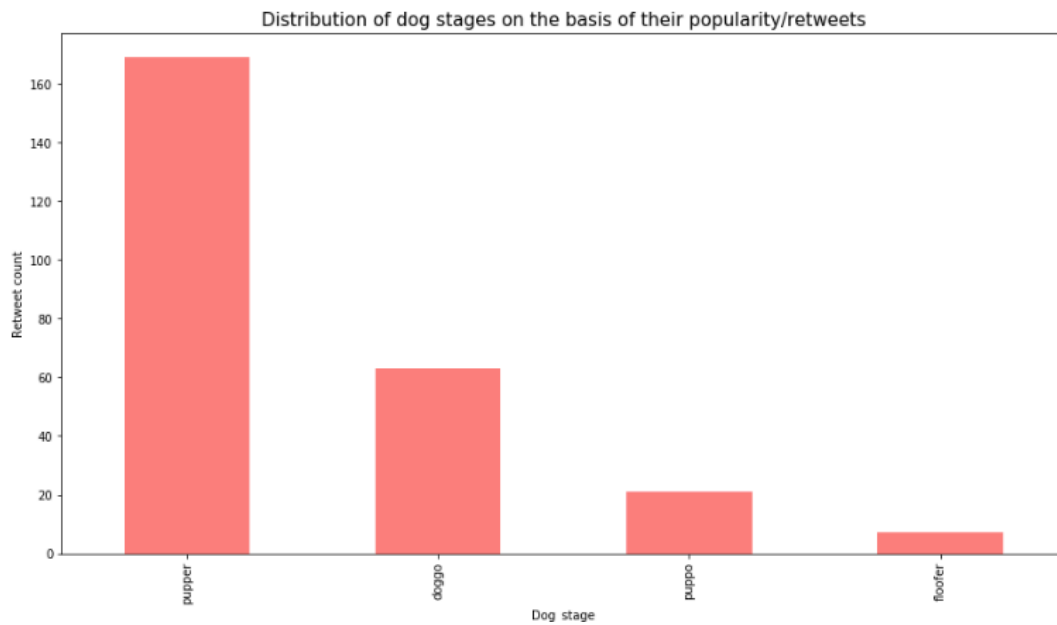
Research Questions:

1. Dog types that have got highest number of retweets / Dog types which are most frequent reported.
 2. Dog stages that have got highest number of retweets / Dog stages which are most frequent reported.
 3. How the number of tweets varies over the period of time.
 4. Which dog stage has got highest rating(mean).
 5. Which dog stage has got highest retweet count(mean).
 6. Which dog stage has got highest favorite count(mean).
 7. Dog types with highest favorite count(mean).
 8. Dog types with highest rating(mean).
 9. Dog types with highest retweet count(mean).
 10. How favorite count varied over the time.
 11. How retweet count varied over the time.
- Dog types that have got highest number of retweets / Dog types which are most frequent reported.



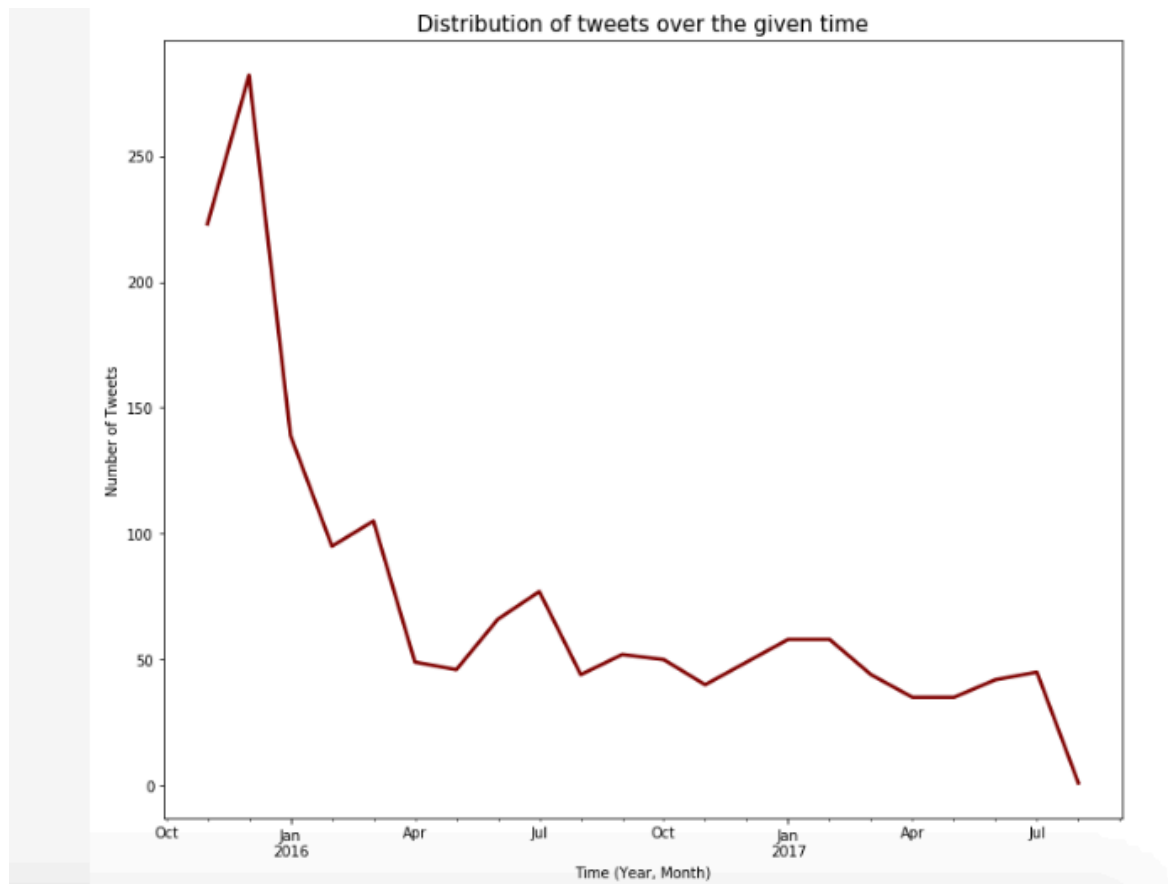
Result : Golden Retriever has become a highest retweeted dog type .We can say that golden retriever is highly popular dog type on the basis of retweets followed by Labrador.

- Dog stages that have got highest number of retweets / Dog stages which are most frequent reported.



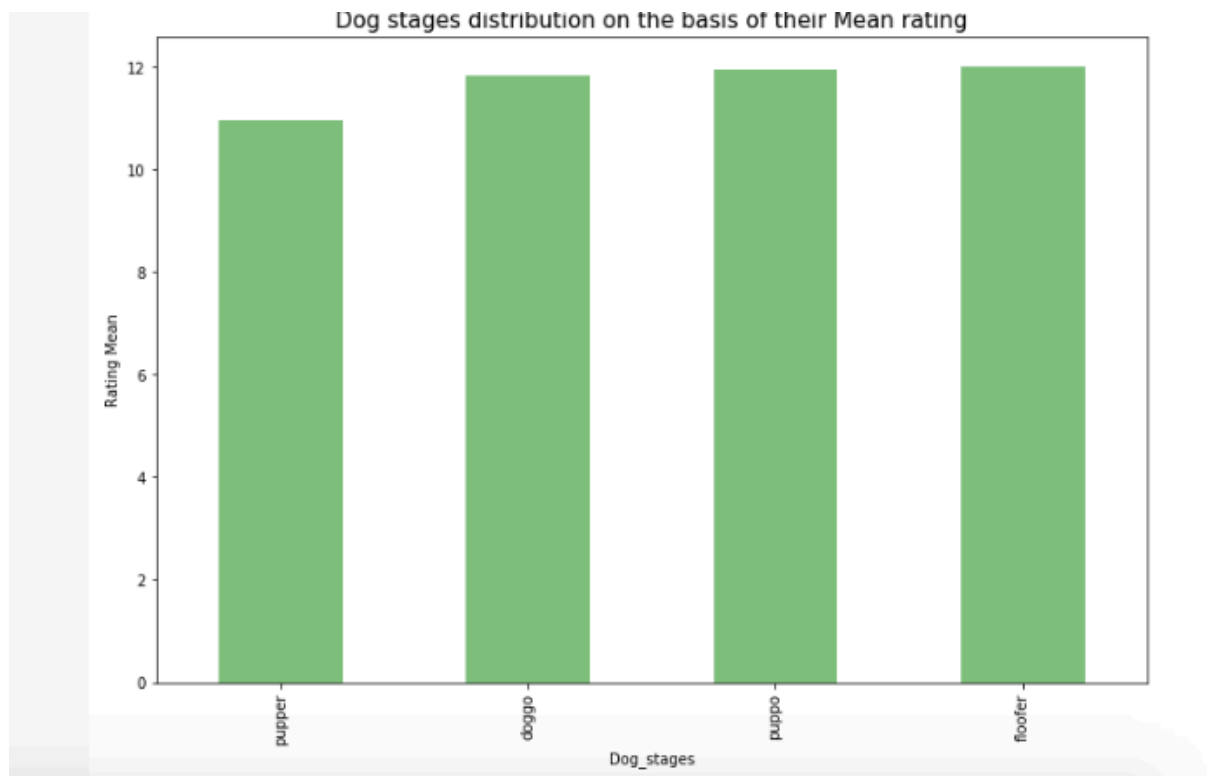
Result: Pupper is the top choice of the people on the basis of dog stages followed by doggo , puppo and floofer

- How the number of tweets varies over the period of time.



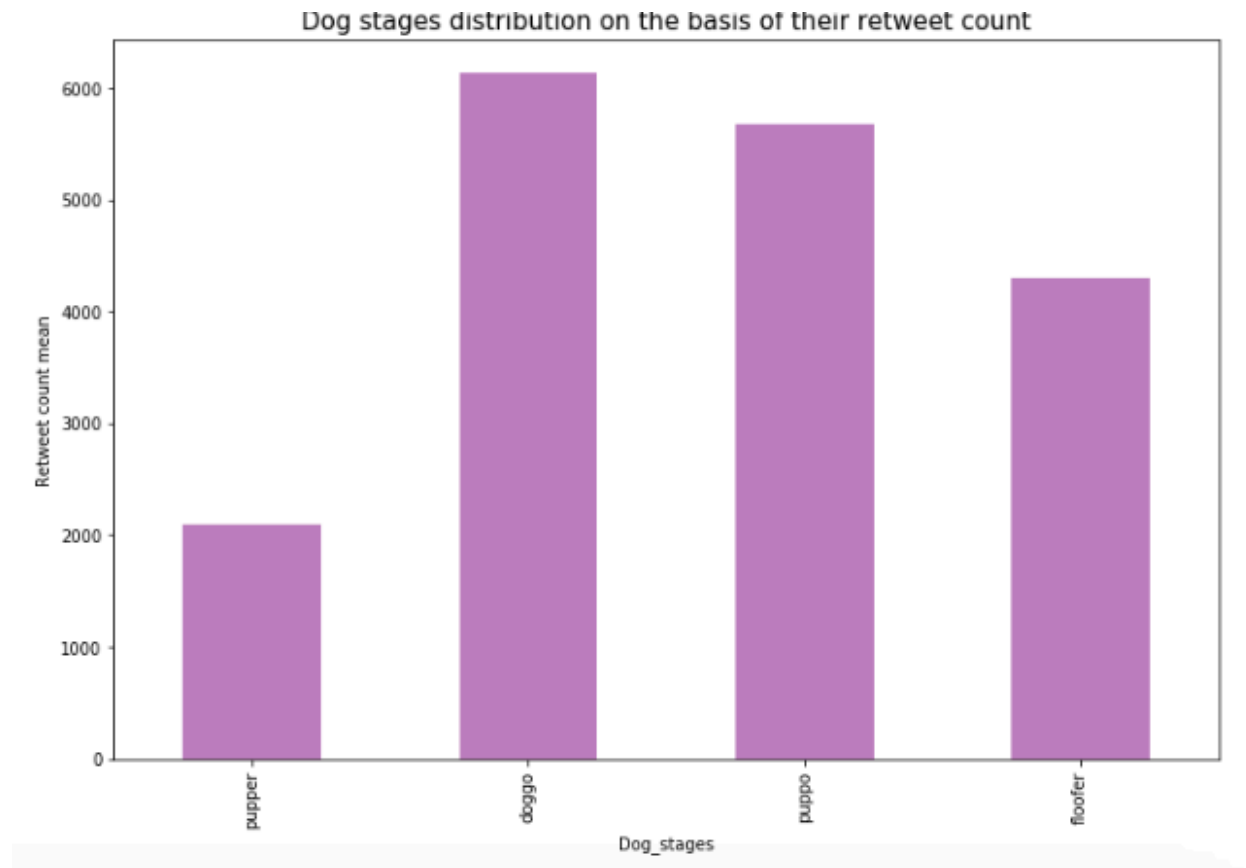
Result: We can see that love of dog among the people varied considerably over the period of time. The highest peak was recorded before January 2016 and then gradually decreased in July 2017.

- Which dog stage has got highest rating(mean).



Result: Highest rated stage of the dog recorded was floofer with the highest rating 12 followed by puppo ,doggo and pupper.

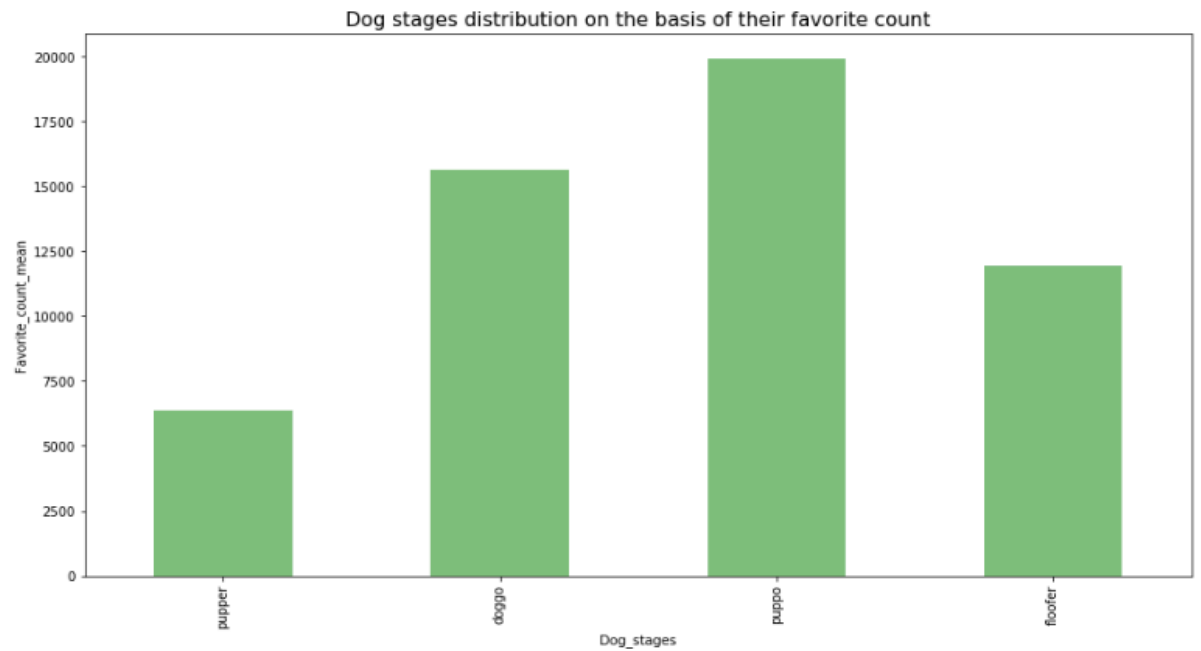
- Which dog stage has got highest retweet count(mean).



Result: Dog stage with highest retweet count is doggo followed by puppo, floofer and pupper with lowest number of retweet count.

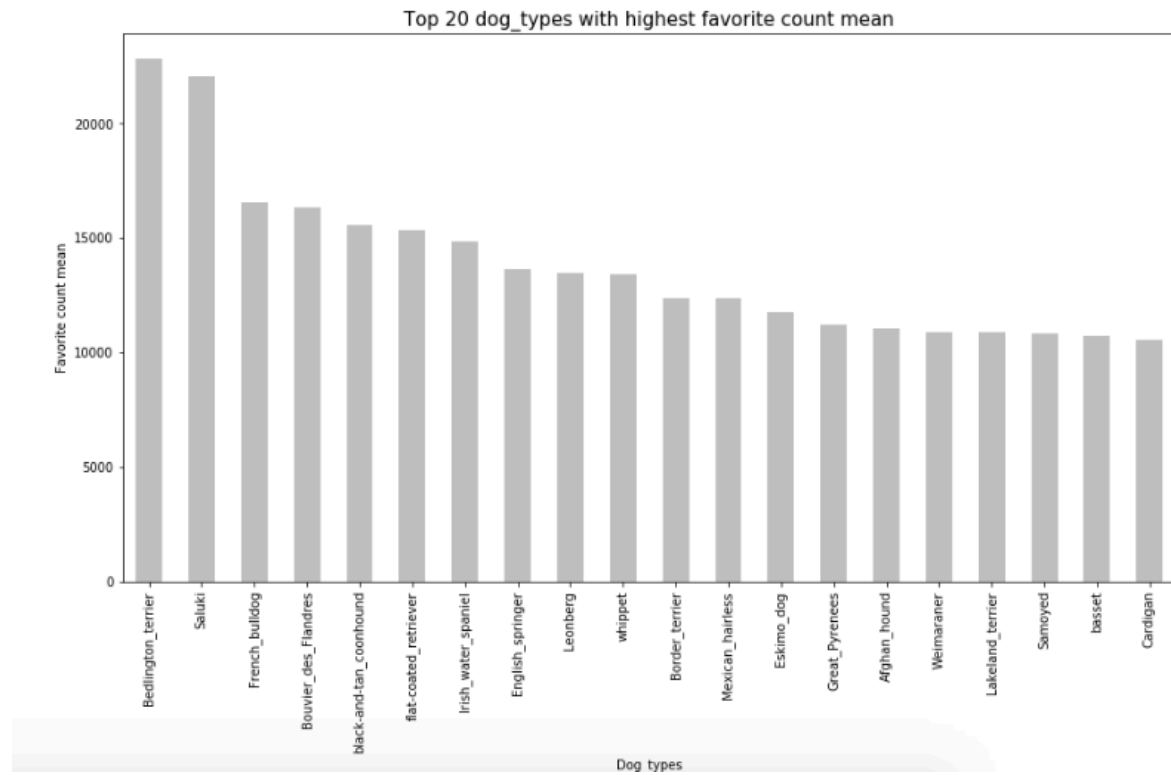
- Which dog stage has got highest favorite count(mean).

Dog



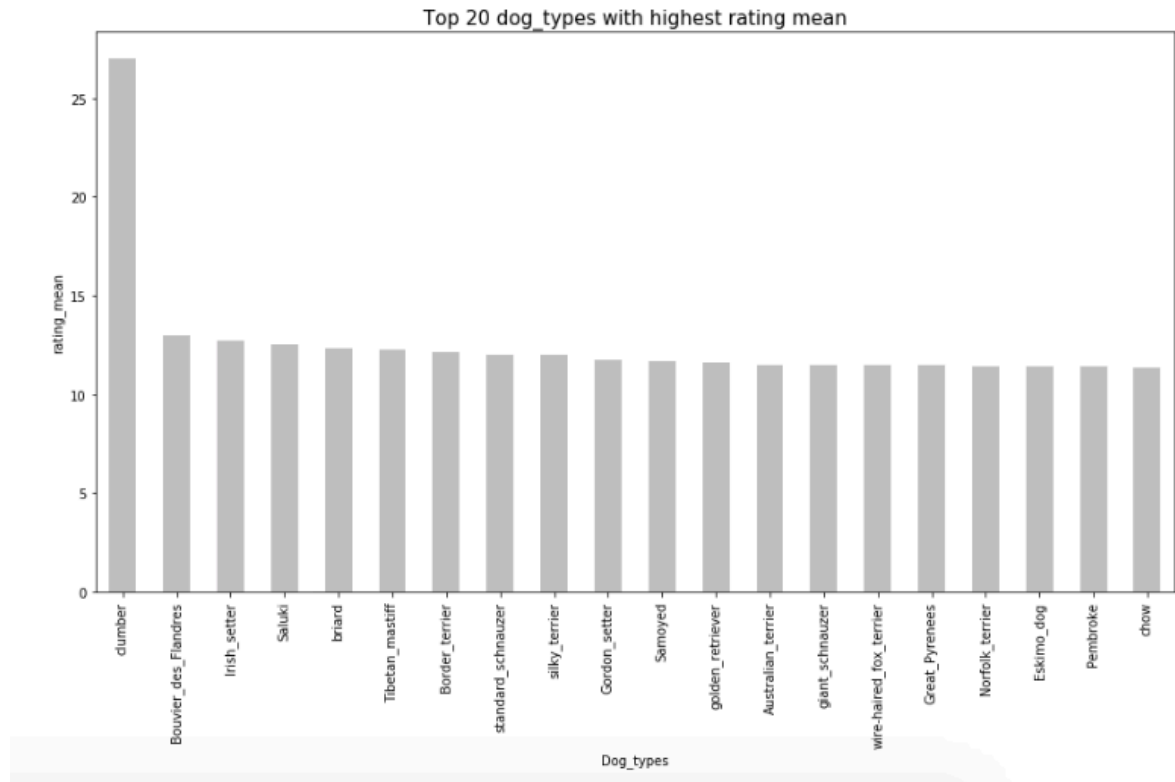
Result: Dog stage with highest favorite count is puppo followed by doggo,floofer and pupper .

- Dog types with highest favorite count(mean).



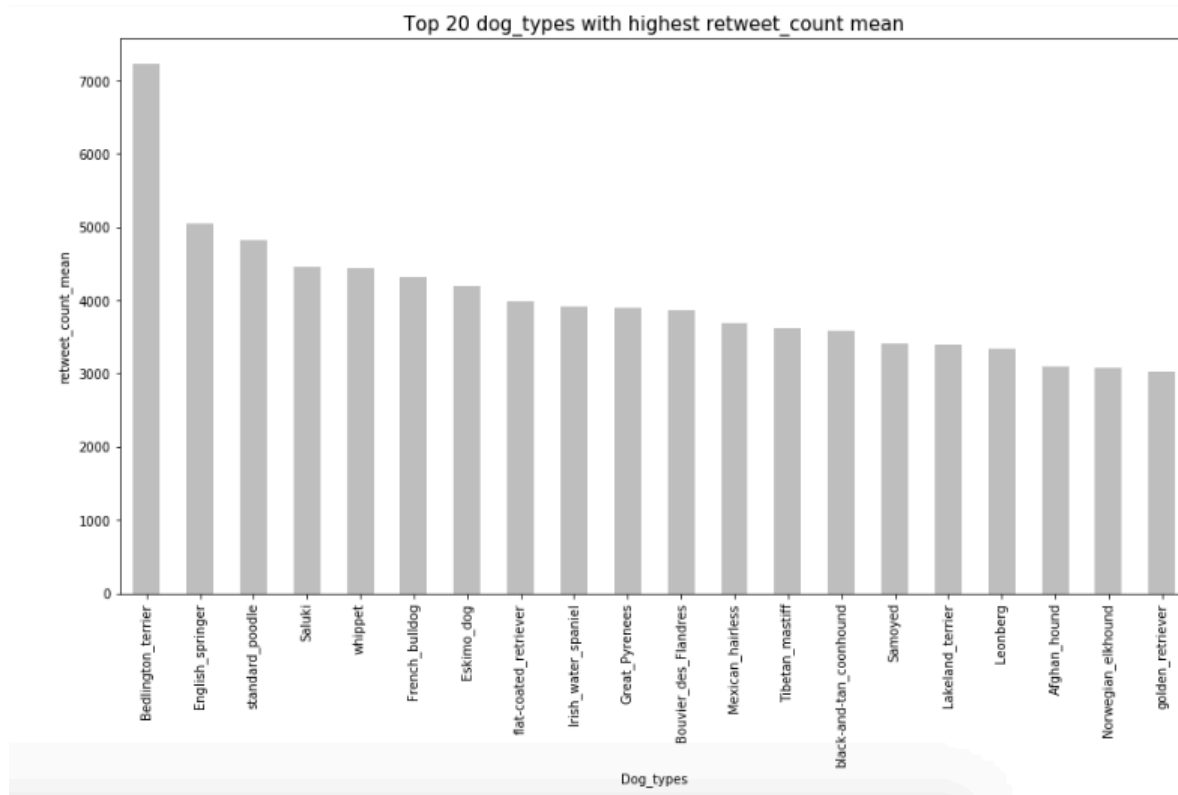
Result: Dog type with highest favorite count reported is Bedlington Terrier followed by saluki, french_bulldog on third position.

- Dog types with highest rating(mean).



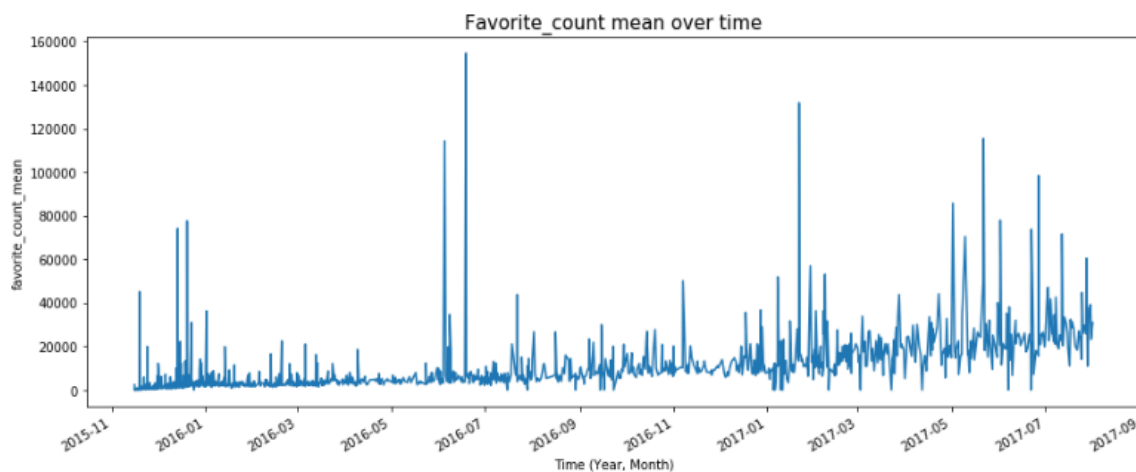
Result: Dog type with highest rating reported is Dumber followed by Bouvier des Flandres , Irish setter.

- Dog types with highest retweet count(mean).



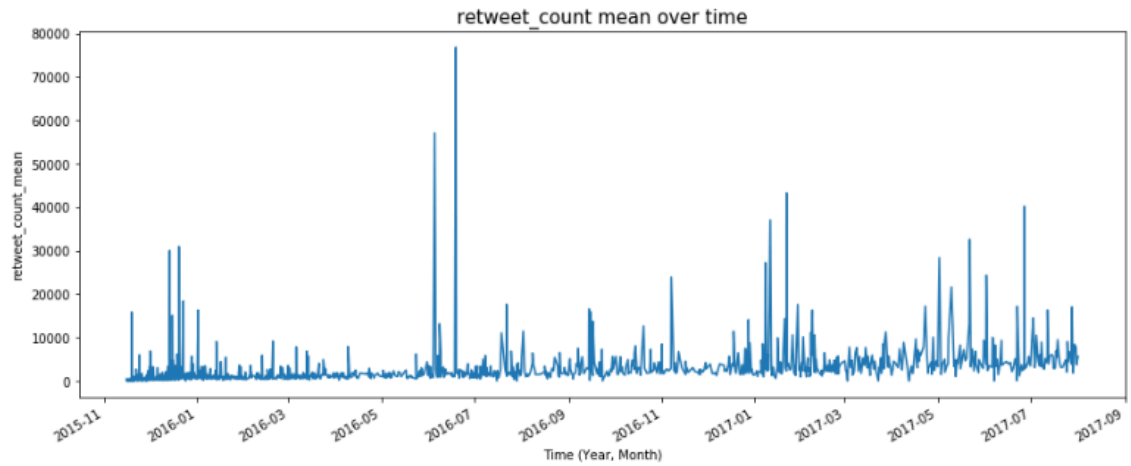
Result: The dog type with highest retweet count is bedlington terrier , english springer and standard poodle.

- How favorite count varied over the time.



Result: Highest peak in the favorite count was recorded in July 2016 .However some peaks can be seen between Jan 2017 and July 2017. We can say that these were the months when #WeRateDogs was popular.

- How retweet count over the time.



Result: we can see the significant high peak in retweet count somewhere between May 2016 and July 2016. There are two months in which this website became highly popular. Except for these trends, we can see some trends between January 2017 and July 2017 which are comparatively not so significant.