DOGS MAKE OUR LIVES WHOLE

Data Wrangling Act Report

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WeRateDogs Insights for Dogs' Lovers

WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. These ratings almost always have a denominator of 10. The numerators, though? Almost always greater than 10. 11/10, 12/10, 13/10, etc. Why? Because "they're good dogs Brent." WeRateDogs has over 4 million followers and has received international media coverage. My trial to create interesting and trustworthy analyses and visualizations using WeRateDogs Twitter data is as the following:

1. What is the common dog breed among dogs' owners?

Getting to know more about the breed of human's best friends, I will first get a glimpse on the frequency distribution of dog breeds, figure 1:
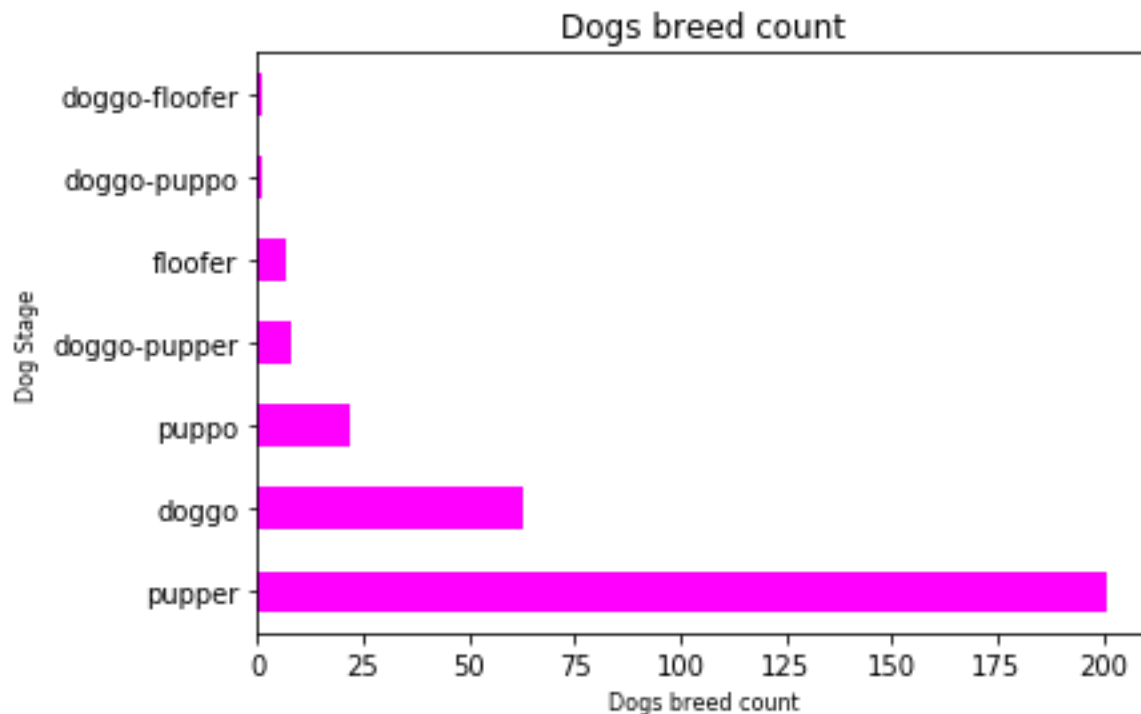

Figure 1: Dogs Breeds Count

From figure 1, it is obvious that the pupper dogs are the most common dog breed among dogs' owners.

2. What are the three most preferred breeds among dog lovers?

Learning more about the preferred breeds among dog lovers through retweets_count and favorite_count:
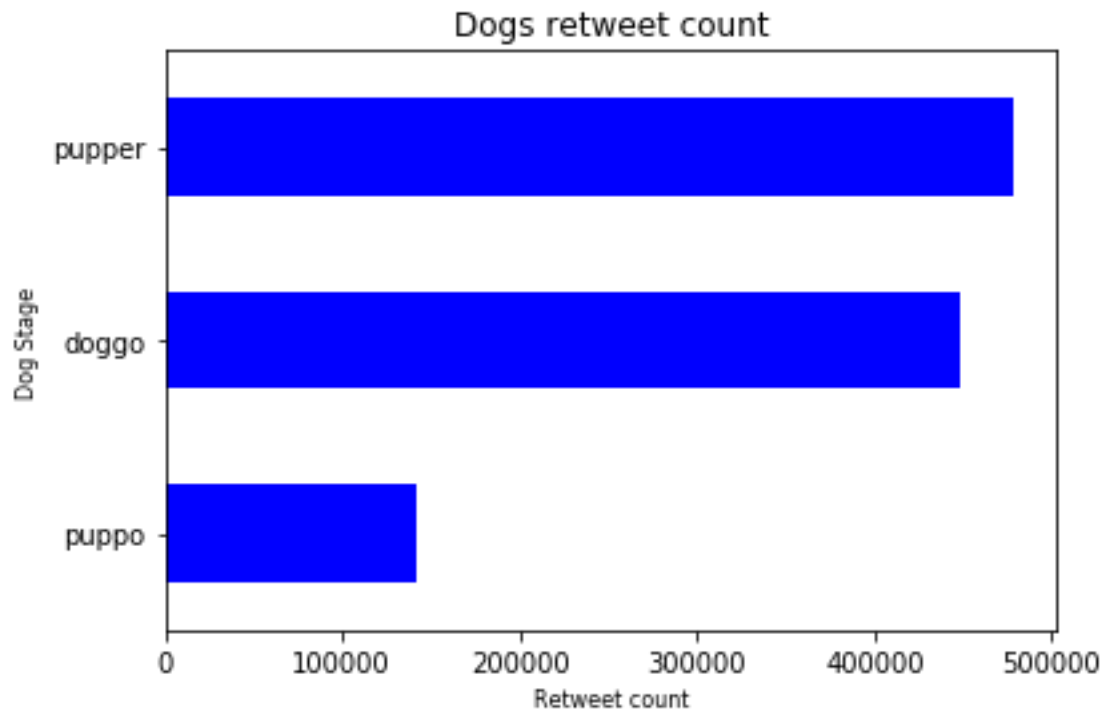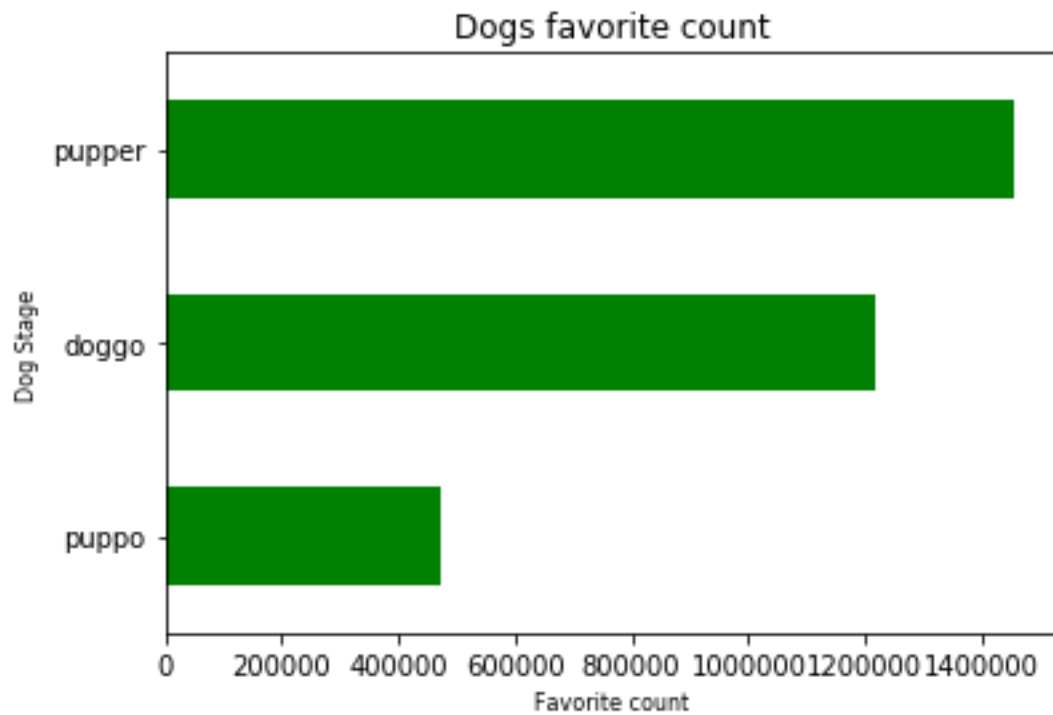
Figure 2: Dogs retweet count

Figure 3: Favorite count

From figure 2 and figure 3, the three most preferred breeds among dog lovers are: pupper, doggo, and puppo.

3. How was the interaction with the account posts?

Learning more about the interaction people have with the account posts through favorites counts and retweets counts. Figure 4 shows a good interaction with the account posts. Also, there's a clear association between the retweets and favorites counts. People engagement with the posts is a great indicator of appeal of the content of the posts.
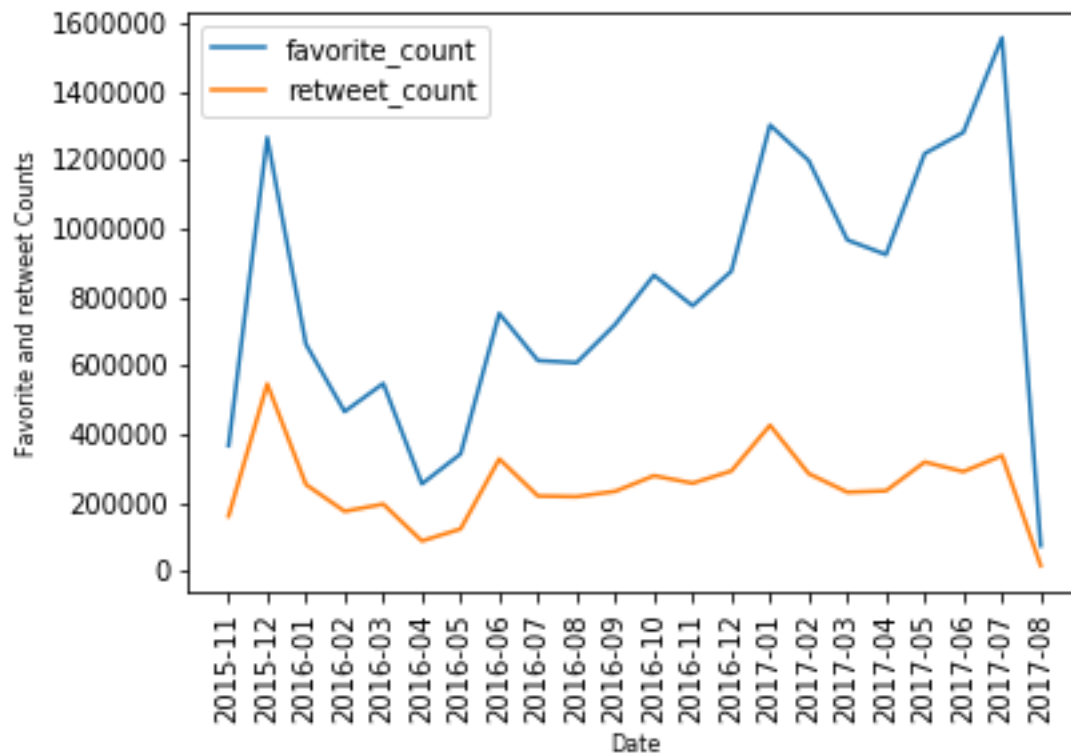

Figure 4: Interaction with posts

4. Are high favorites and Retweet counts indicators of people's interest or are they indicators of many account posts?
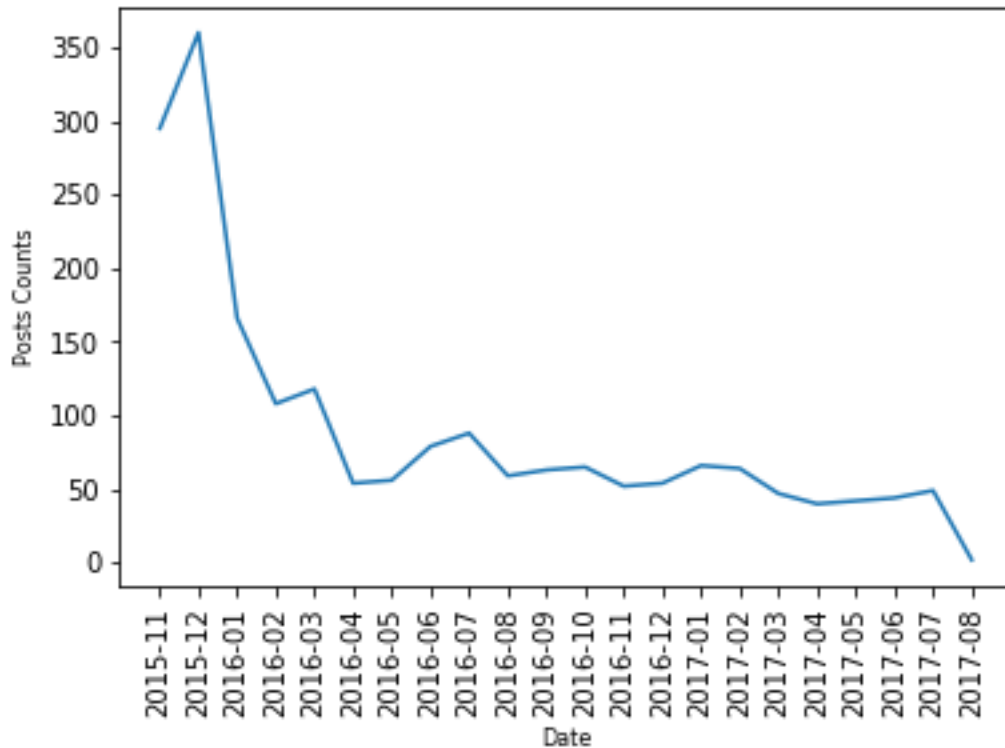
Figure 5: Number of posts over time

Figure 5 shows the number of posts tweeted out by WeRateDogs on monthly basis with a bit lower than 100 posts per month. this indicates that the posts content rather than counts is the driving force behind attracting increasing retweets and hiking favorites over time.