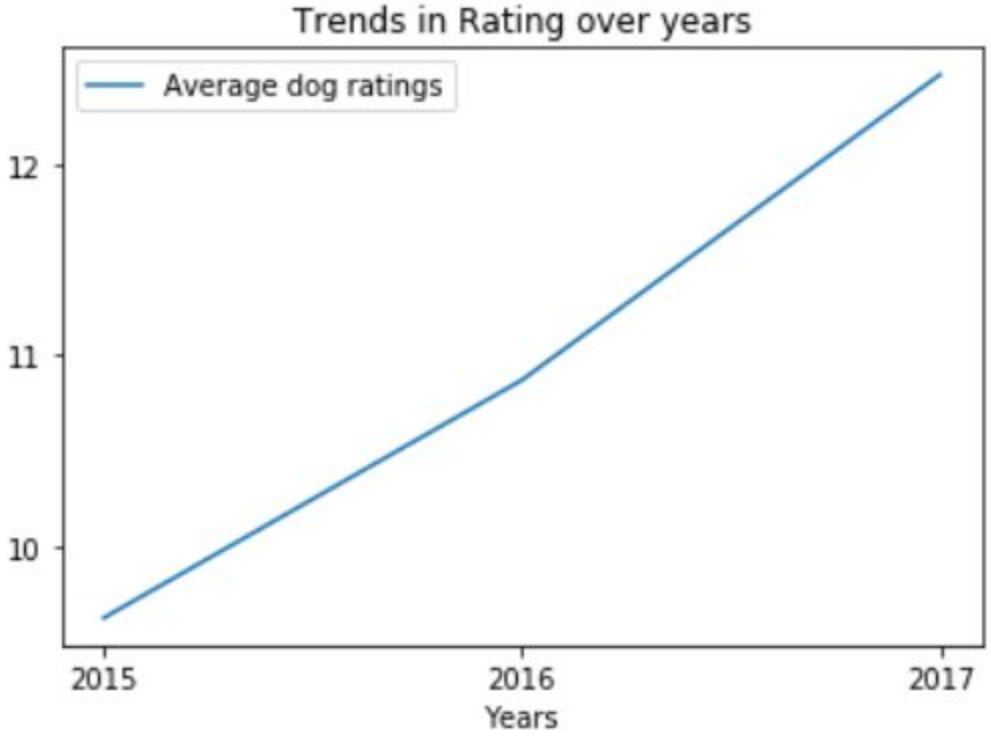
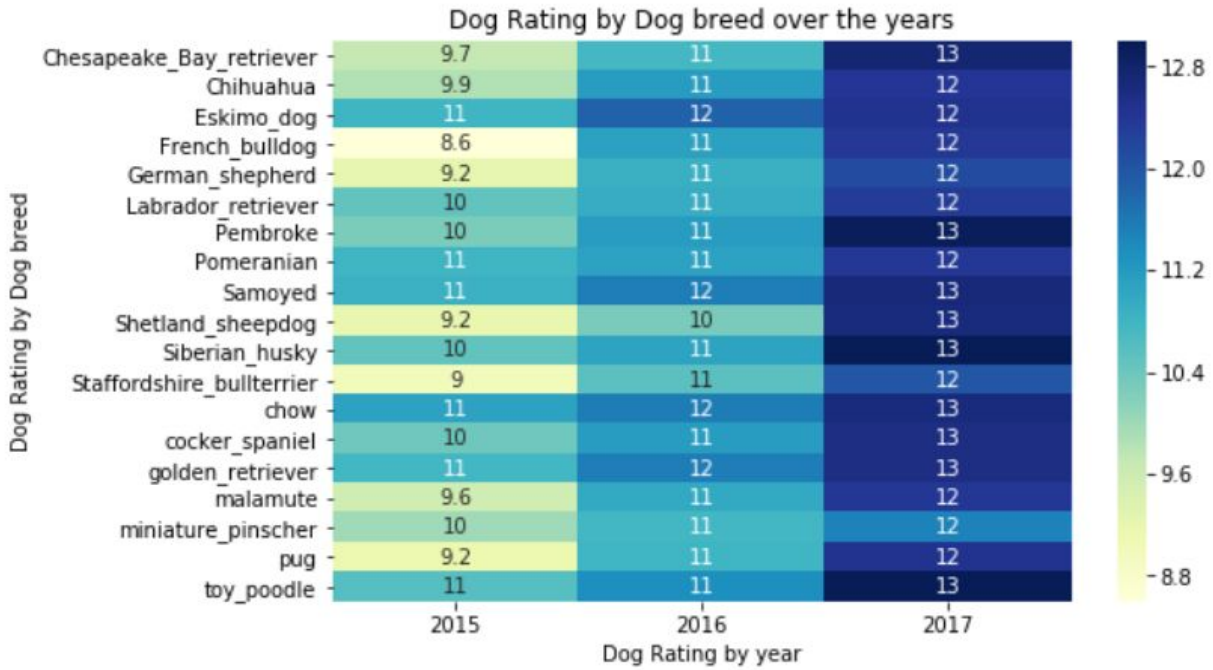
WE RATE DOGS ANALYSIS AND INSIGHTS

I started the analysis part with scatter plots & correlation heatmap whose results were not surprising. The correlation between favourites & retweets were expected and was displayed as well.

I had a hunch that after the viral tweet with brent there might have been a change in the rating pattern of the handle and it would have gotten higher. I was heading towards this outcome from the start of the project and following two visualizations confirmed that theory.

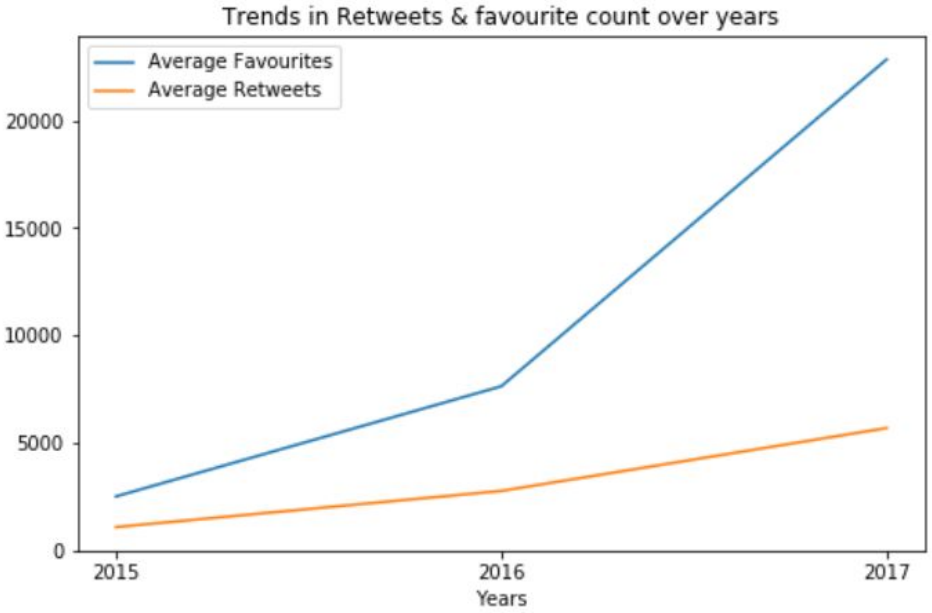




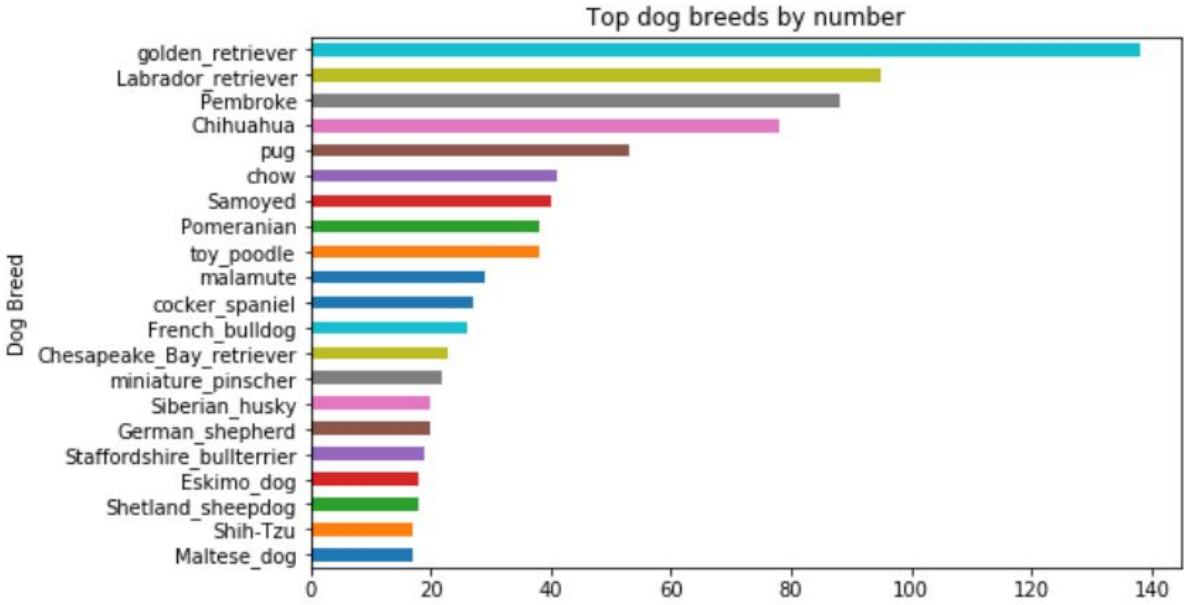
The above heat map also shows that the ratings have normalized a bit between the different dog breeds. While 2015 had a lot more rating variance between breeds, 2017 had a lot less. The breeds of eskimo, samoyed,chow, golden retrieval & toy poodle were top rankers during 2015-2016. There were no clear winner(s) from 2017.

Having gotten an answer to my pressing question, I moved to other trends on retweets & favourite count as below.

Inference: Noted that over the 3 years, Favourite had a much steeper climb than the retweets .



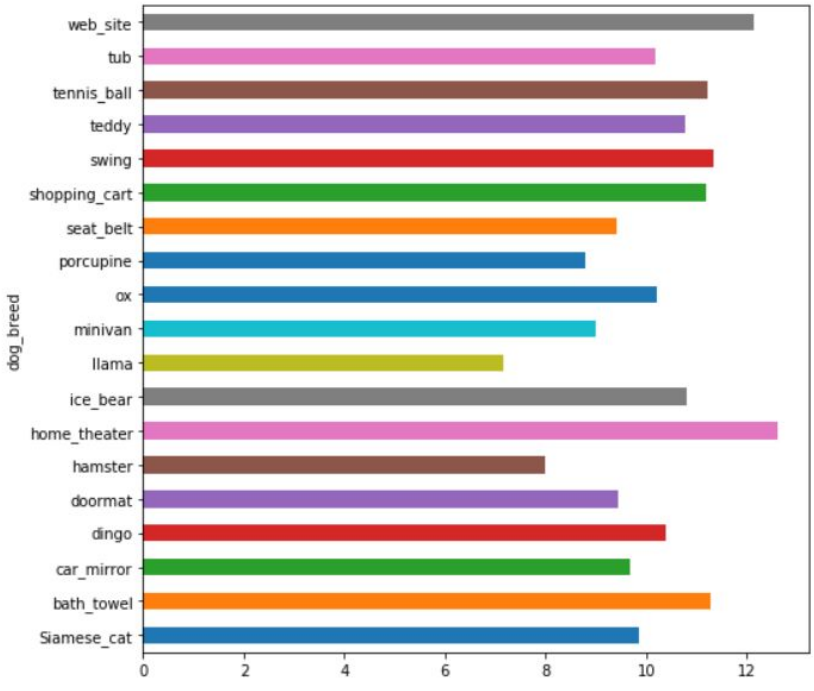
The following visualizations were to infer which are the more popular dog breeds that are noted / rated in the popular twitter handle.



Similar to the ratings heatmap, i plotted heatmaps for favourites & retweets by dog breeds over the years.

Finally I filtered the rows where the image predictions were false for dogs.
I created a subset of this with only those dog_breed categories (non dog objects identified) with at least 4 occurrences and plotted the rating for them.Many of them were rated 10+ and some

12+. This might indicate that the image predictions algorithm may not have the p1 prediction



right for all entries.

Now I regret doing the last part of the analysis when I checked out a few samples.
For god's sake this is not a chimpanzee. May the force not be with you , the neural network, which predicted this !