

Insights about WeRate Dogs

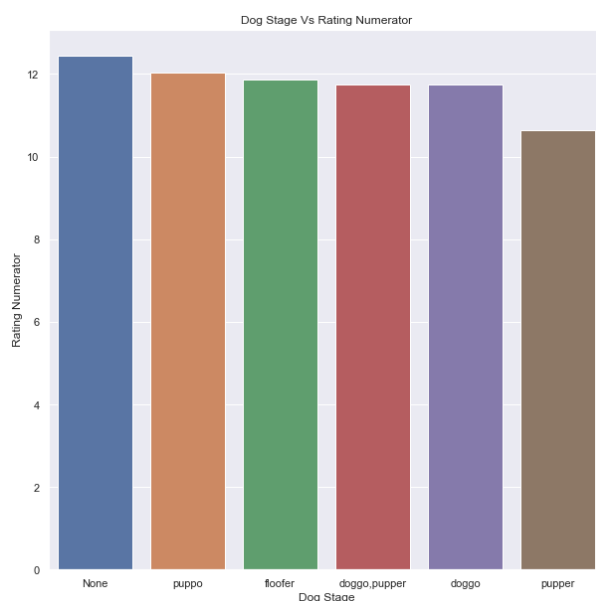


After Analyzing the Data and getting insights about the data. The final look of the Data after combining the three datasets together in one final look and that's "Twitter_archive_master.csv". Out of all the features of the data and the columns , there are specific columns that I become interested in making my analysis and learn more about the data I had.

I started asking these questions to guide me thoughts for the analysis and visualization step and these are :

- Which dog stage is highly rated?
- Does the same dog stage have the same maximum count of retweet and favorite?
- Which dog stage has more true predictions than false predictions?
- What is the dominant dog breed in each dog stage?

Regarding the first question I found that Puppo stage received the best ratings out of the other stages, regardless of the Nones that we don't know to which specific stage to belong or those who have two stages as each dog should only have one stage.

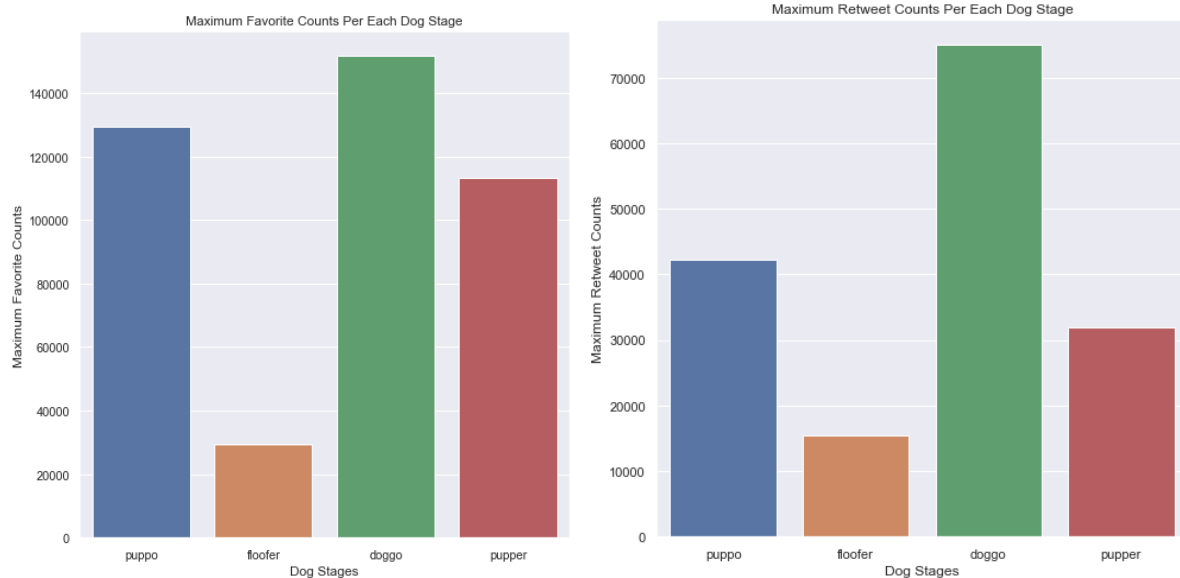


Insights about WeRate Dogs

For the sake of further analysis I focused on the four basic stages and ignored those who don't have a specific stage and those who had 2 stages .To compare the four stages, I used masks to select all the rows in the dataframe and put them in 4 separate data frames

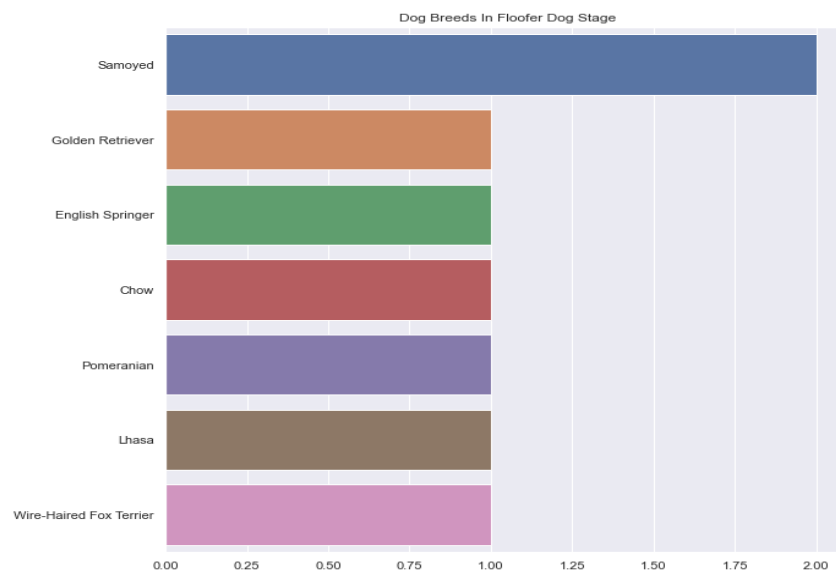
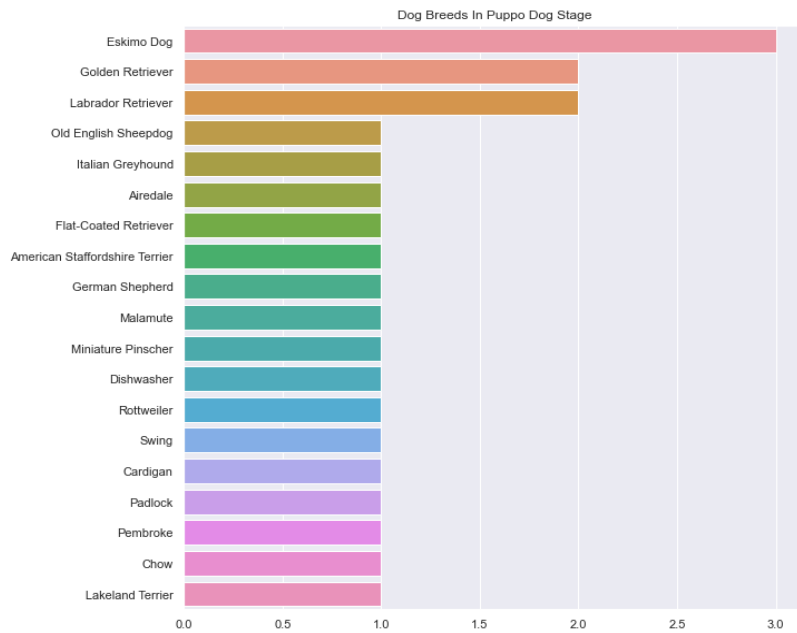
- puppo_df / - floofer_df / -doggo_df / -pupper_df

and as it appears in the following bar charts that compare the maximum number of retweets and favorites counts “ doggo” dog stage got the maximum count for both retweet and favorite counts while others could have higher retweet count and lower favorite count and vice versa. So we could say that Doggo stage is more likely favourable among other stages .

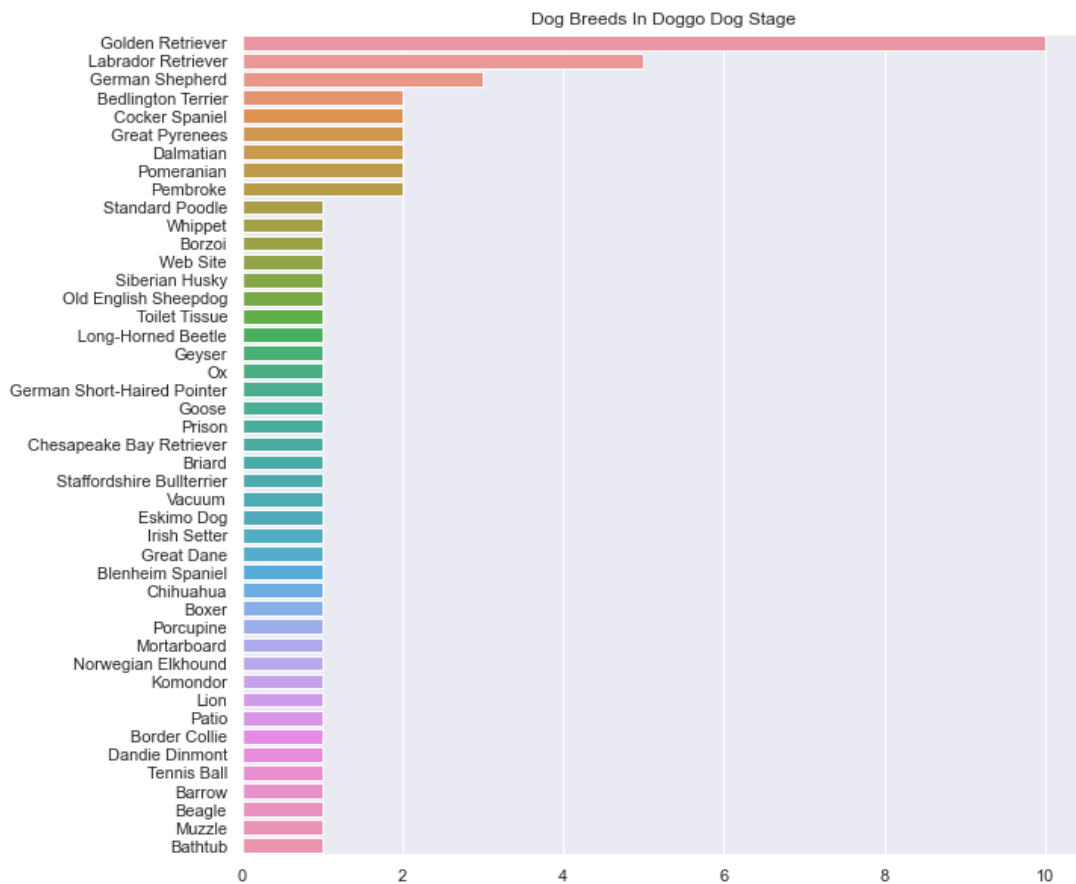
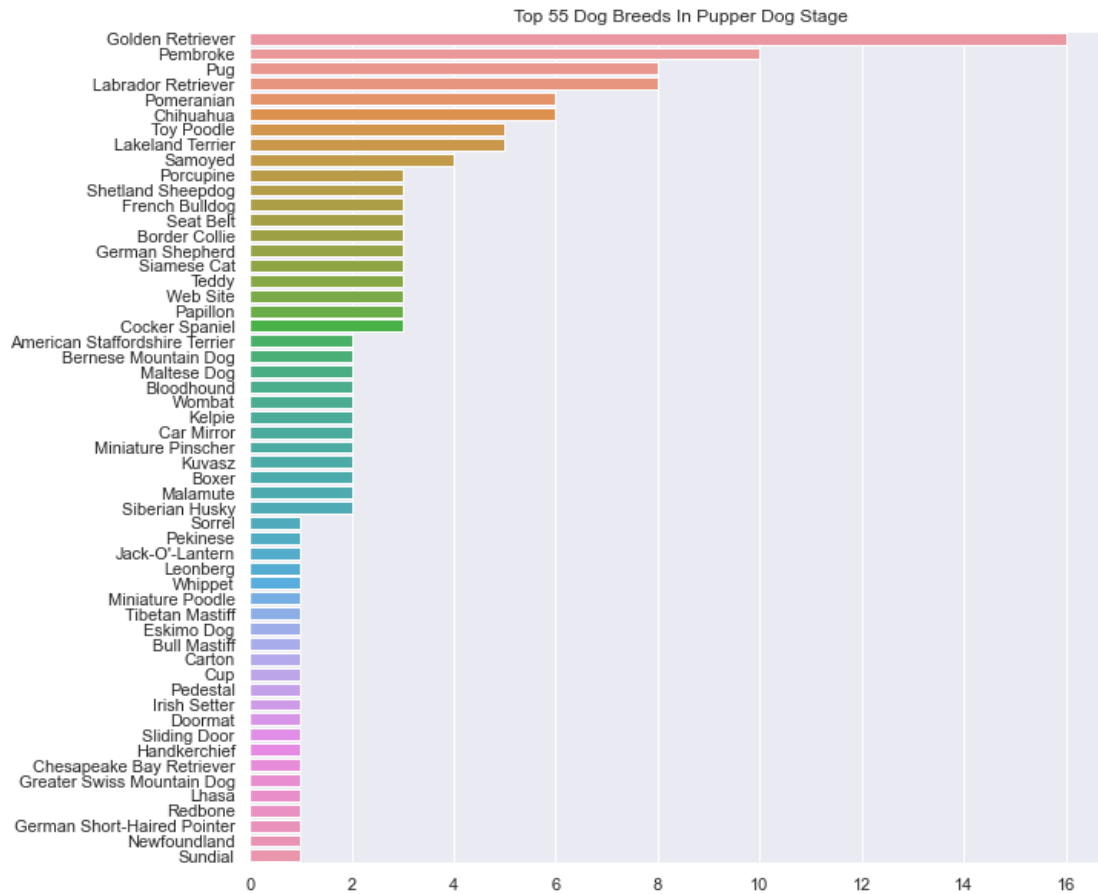


Insights about WeRate Dogs

While trying to get to know which dog stage has a variety of dog breeds , I found that Pupper dog stage has a variety of dog breeds than others , followed by doggo dog stage. The following pie charts show that obviously



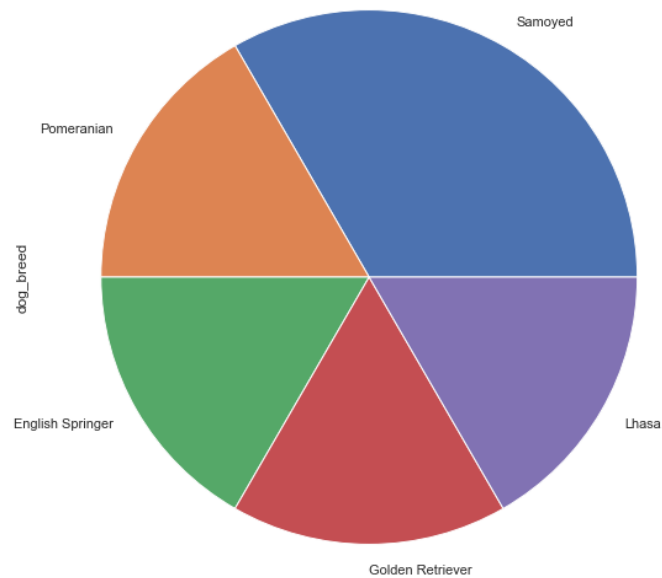
Insights about WeRate Dogs



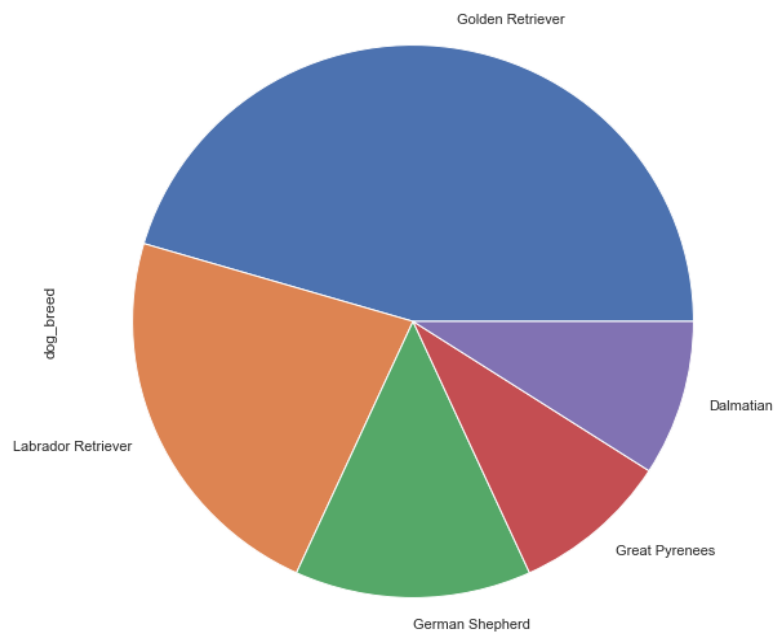
Insights about WeRate Dogs

It also showed us what is the dominant dog breed in each dog stage and it is clear that the "Golden Retriever" is the dominant breed since it is the dominant in pupper and doggo stages while it comes at the top 3 in the others stages and it will be clearer if we got the top 5 breeds in each stage

The Dominant Dog Breeds In Floofer Dog Stage

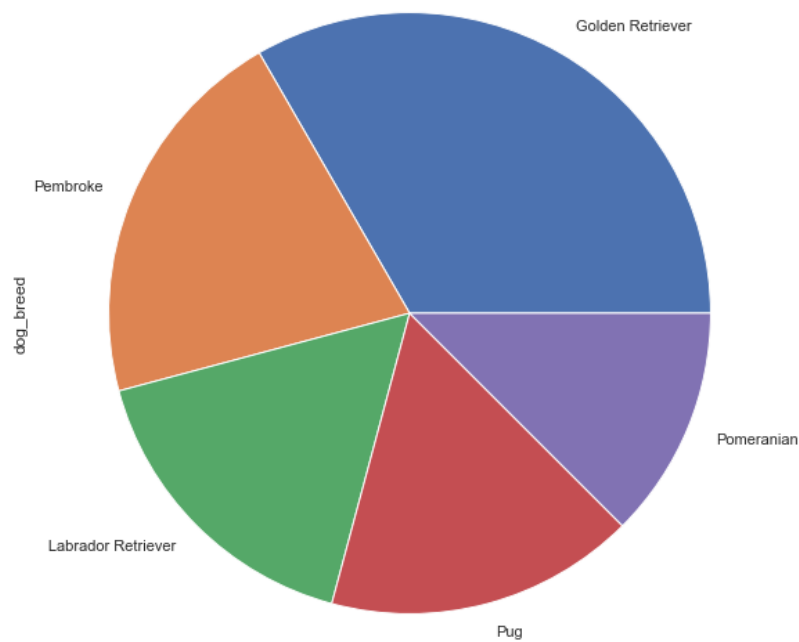


the Dominant Dog Breeds In Doggo Dog Stage

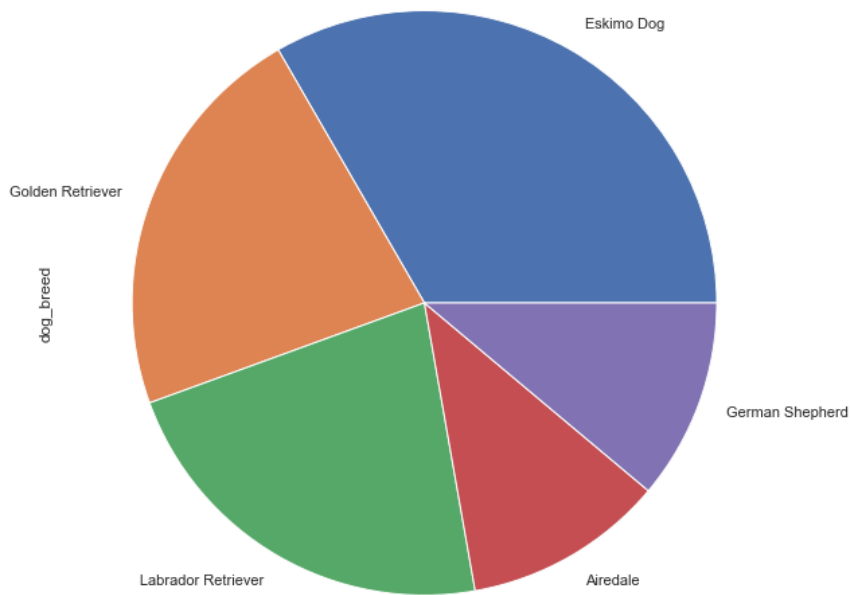


Insights about WeRate Dogs

The Dominant Dog Breeds In Pupper Dog Stage



The Dominant Dog Breed In Puppo Dog Stage



Insights about WeRate Dogs

Finally I was curious to find out the number of true and false predictions in each dog stage and the bar charts below could help us to figure out that they all get higher values regarding true predictions than false predictions but for the floofer dog stage it does not appear at all in the false predictions.

