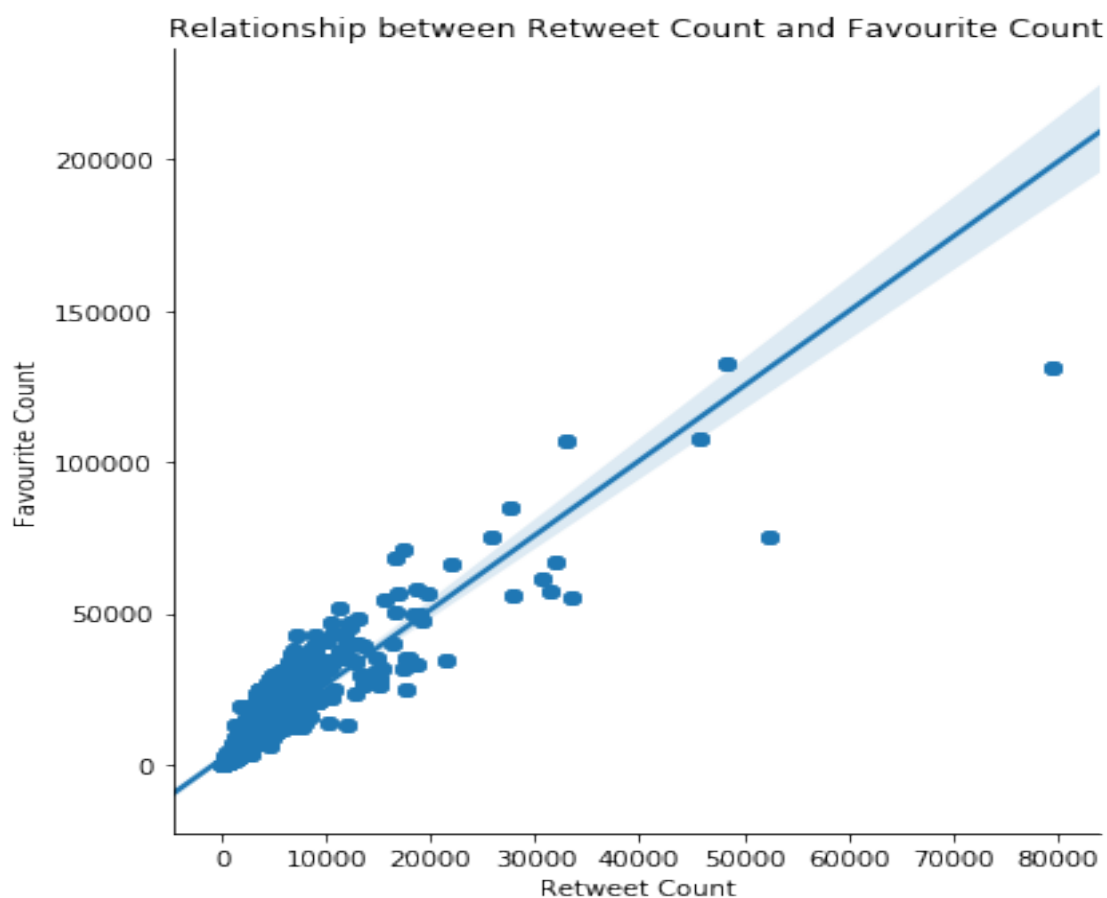


Act Report :

Analysis, Insights and Visualization :

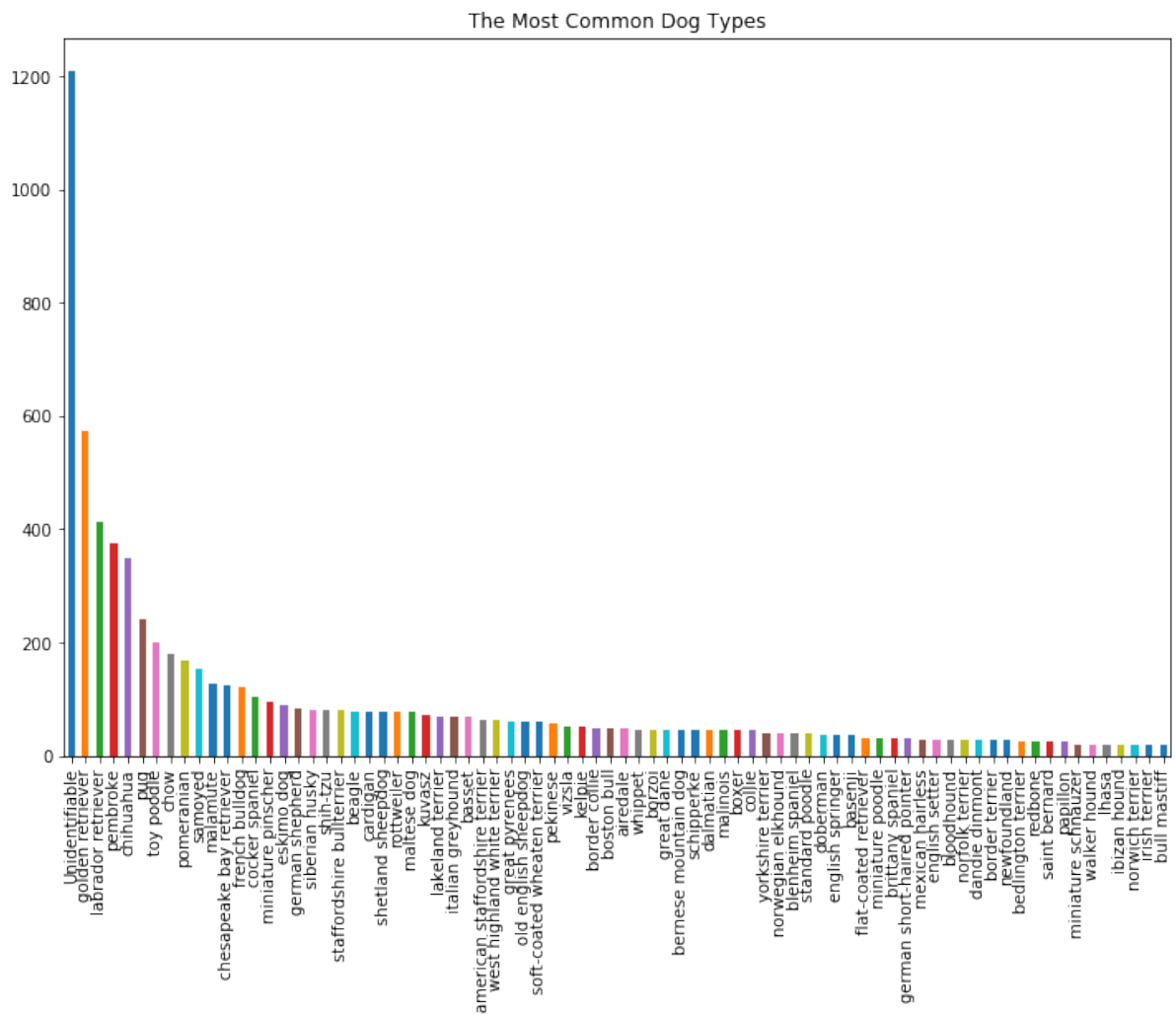
After completing my data cleaning process, I stored my data as per the instructions and started analysing as well as visualizing my data. The insights I created are as follows :

Insight One : Relationship Between Retweet Count and Favourite Count.



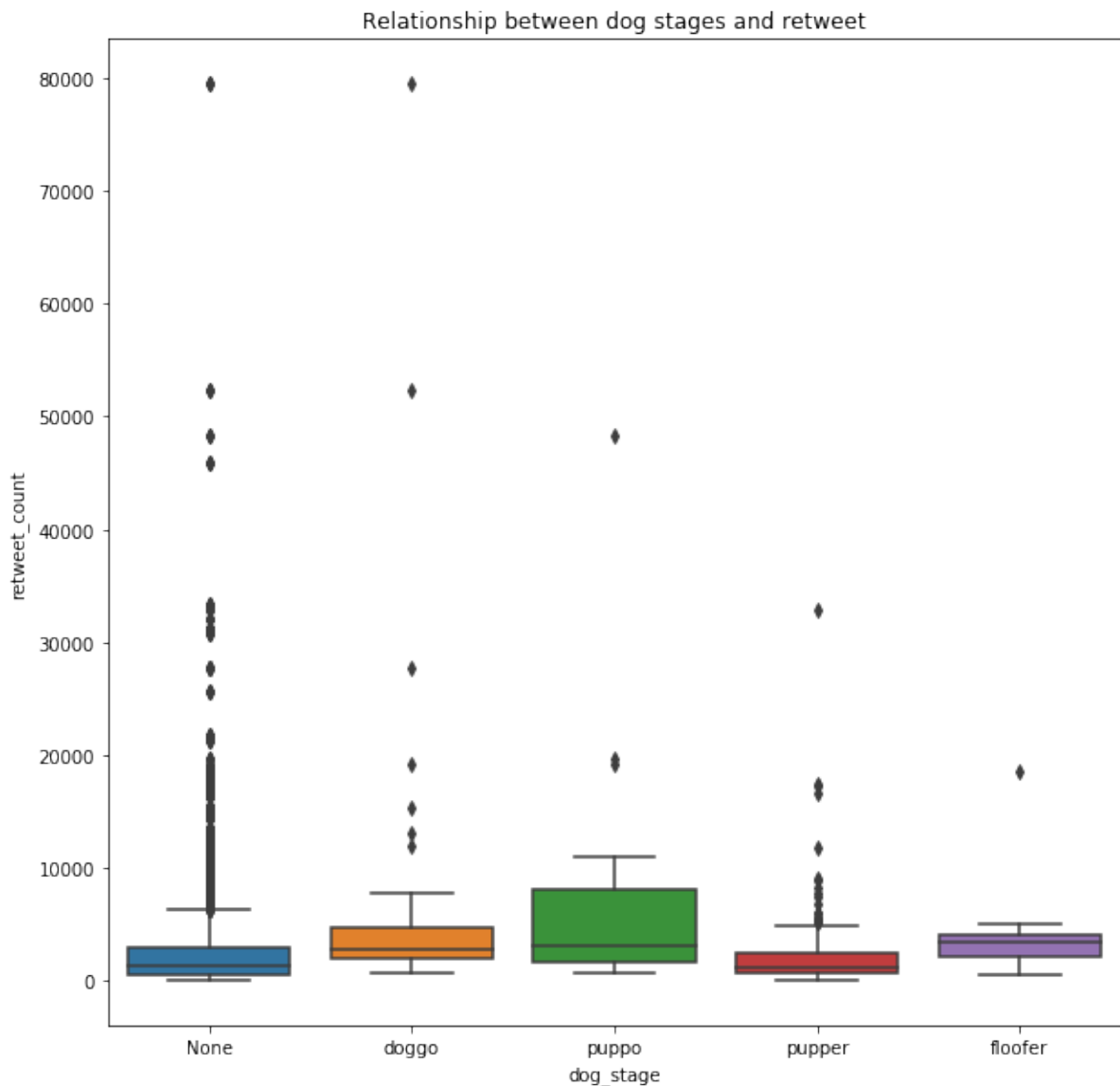
Retweet and favourite have strong correlation as it's the nature of Twitter platform, because if tweet get like then it makes viral soon and then lot of counts for them. From the figure, it can be seen that favorite and retweet counts are highly positively correlated. For about every 4 favorites there is 1 retweet. The majority of the data falls below 40000 favorites and 10000 retweets. The most popular tweet has about 130000 favorites and 80000 retweets. The line further depicts that as the number of retweet count increases the favourite count also increases.

Insight Two : Most Common Dog Types.



From the graph it can be seen that the most common dog breed based on value counts is golden retriever with more than 550 counts and the least common dog breed is bull mastiff with less than 25 counts.

Insight Three : Relationship between Dog Stages And Retweets.



The plot shows that though most dogs are in puppo category but highest retweeted about dogs are that of doggo category. It can be noted from the length of the whiskers that puppo has the highest interquartile range and the highest number of observations. Not only pupper have the least dogs and retweets, it also has the lowest median value and the lowest retweet count.