

Project – Wrangle and Analyze Data

Data Analysing and Visualization Report

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Questions:

First question is retweet_count related to favorite_count that is will the post have more retweets if that tweet is favorite?

Second question is which is the most common Dog Stage?

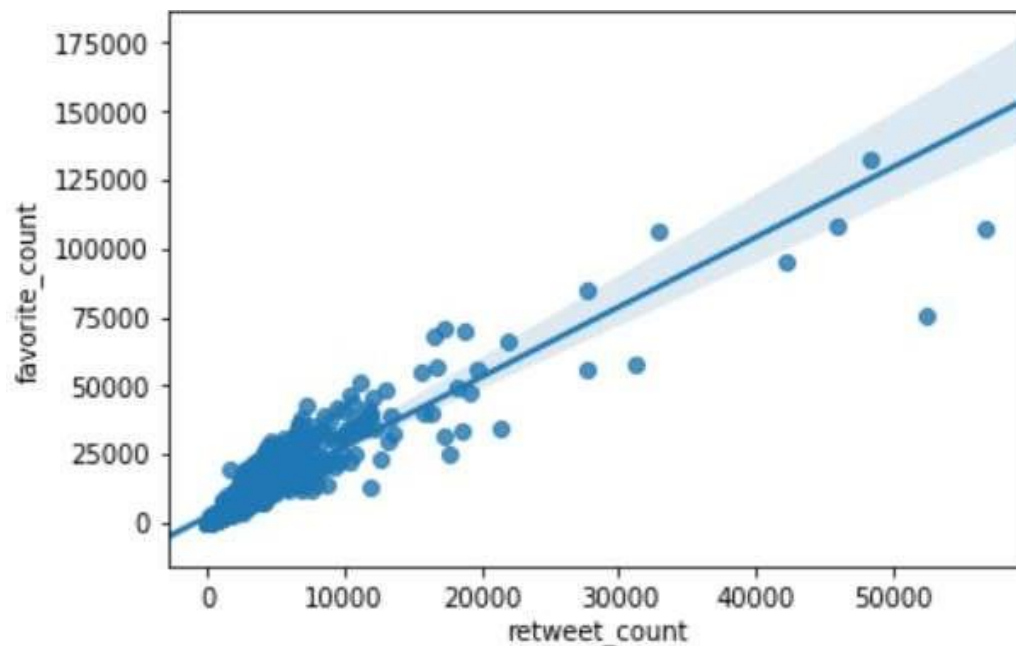
Third Question is which is the most common breed of Dog predicted?

Forth question is which is the top 10 breed of Dog which receives more retweets?

Analyzing and Visualization-

First question:

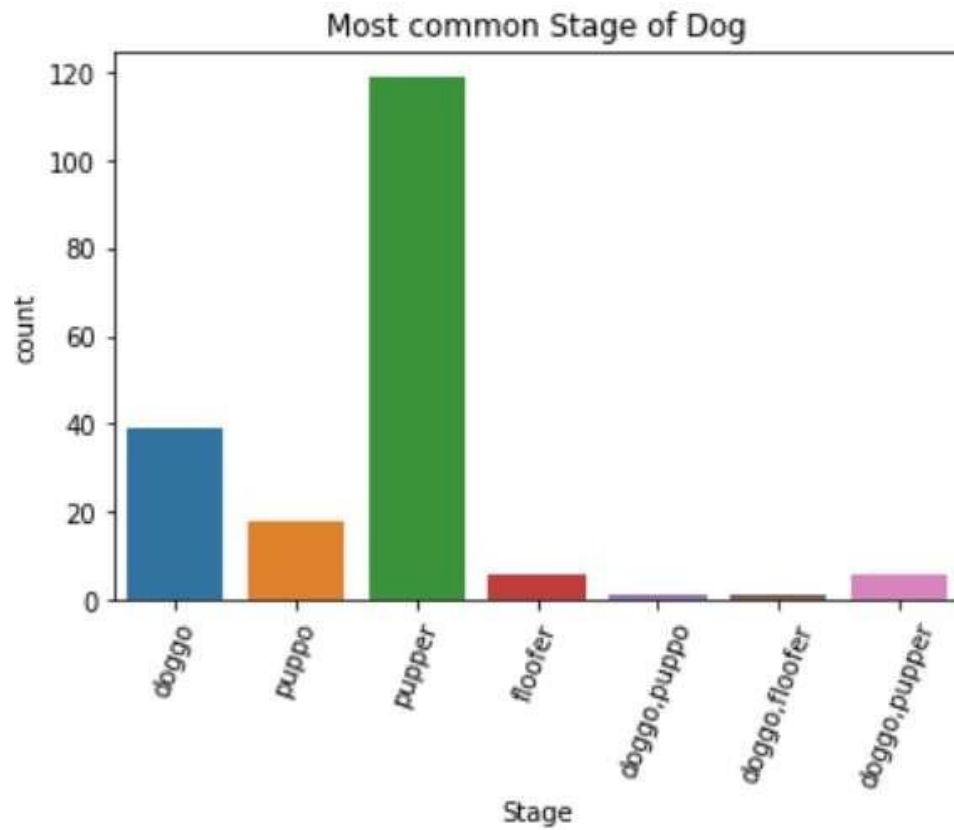
To answer this question we will see whether favorite count and tweet count are related to each other. For knowing the correlation I have made a scatterplot.



By the scatterplot above, we see that retweet count and favorite count are strongly related to each other with a positive correlation.

Second question:

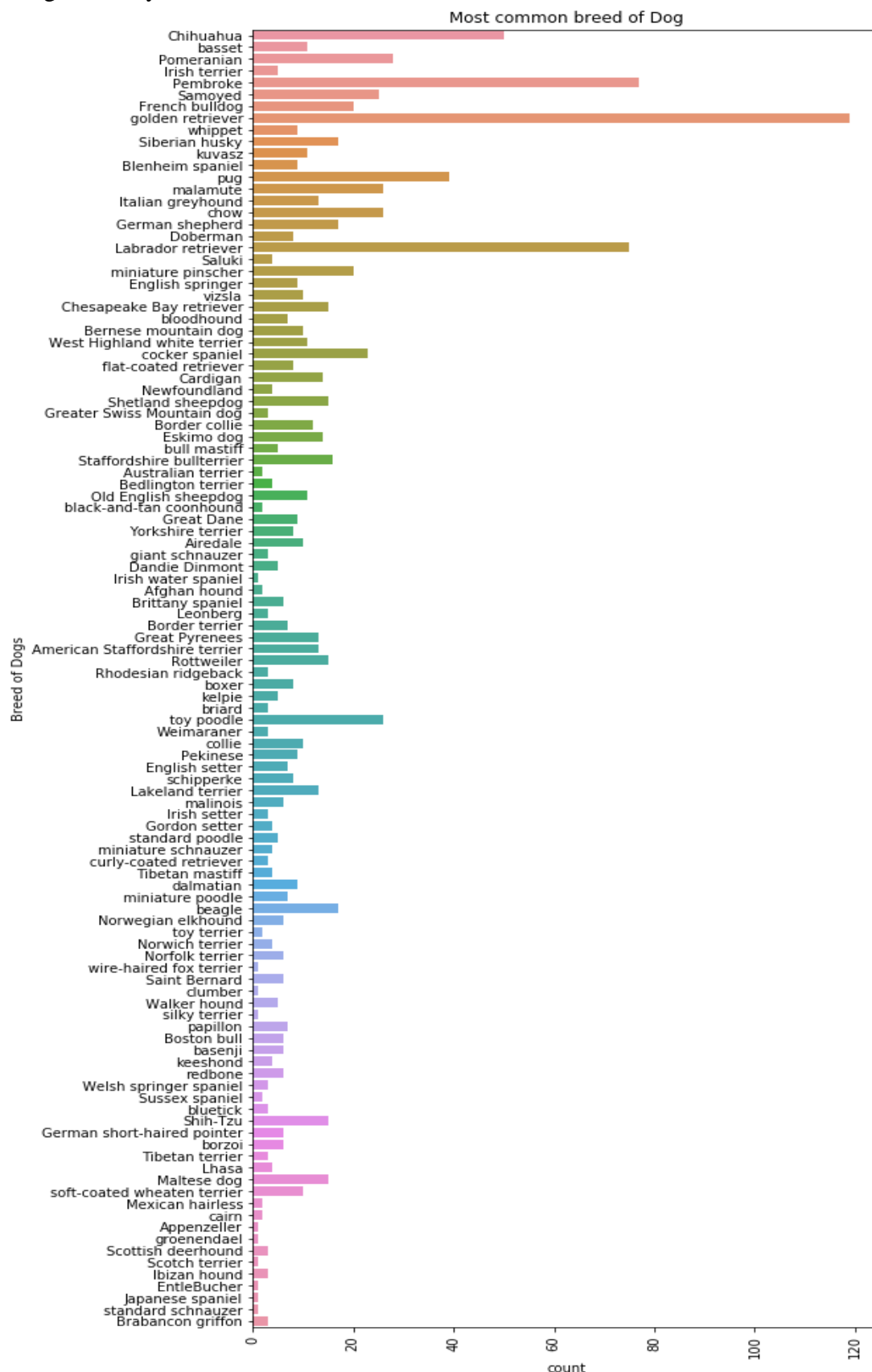
To answer this question we will plot counts for each category.



As we can visually see that pupper is the most common dog stage among all the dogs.

Question 3 :

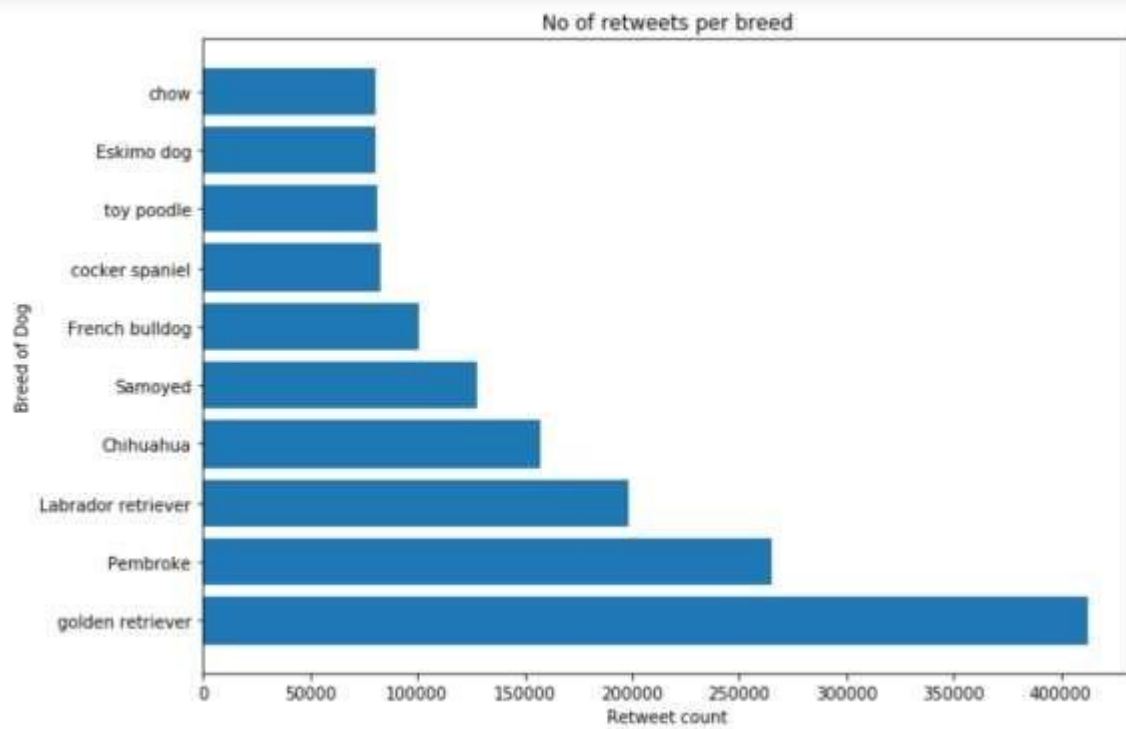
To answer this question we will plot a count-plot of each category and its respective count but to make it easy for ourselves as there are too many categories, we will plot categories on y-axis.



It is so obvious to say that the golden retriever, Labrador retriever, Pembroke, Chihuahua, Pug are the most common breeds of Dog.

Forth question:

To answer this question we will group the top 10 count of breeds with respect to the retweet count and plot a countplot for the same.



The breed golden Retriever receives the more number of retweets.