

Project: Wrangle and Analyze Data

Data Act Report

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Introduction

Have you heard about one of the most famous meme of 2016 “they’re good dogs Brent” and the twitter account WeRateDogs? Probably yes, but if not. Here I can tell you a bit about it and better than that I can show you some fun analysis of WeRateDogs tweets data. First, 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 however are almost always greater than 10 (11/10, 12/10, 13/10, etc.). In theory the rates should be 1 to 10. However, WeRateDogs disagree, they admit almost all dogs deserve a 10 and sometimes more than that. WeRateDogs has over 6 million followers and has received international media coverage. One of those coverage were about the quote “they’re good dogs Brent”, this was an exchange in which WeRateDogs shut down a person having an issue with its rating system in humorous ways. So what does this rating do? Which dog type (breed) is most common dog in the tweet dataset? What dog type has the highest average rating? These questions and more are answered in the following insights:

We asked several questions to show the relationship between the data.

Such:

Question 1: Is retweet_count related to favorite_count that is whether the post will have more retweets if that tweet is favorite?

Question 2 - Which is the most common Dog Stage?

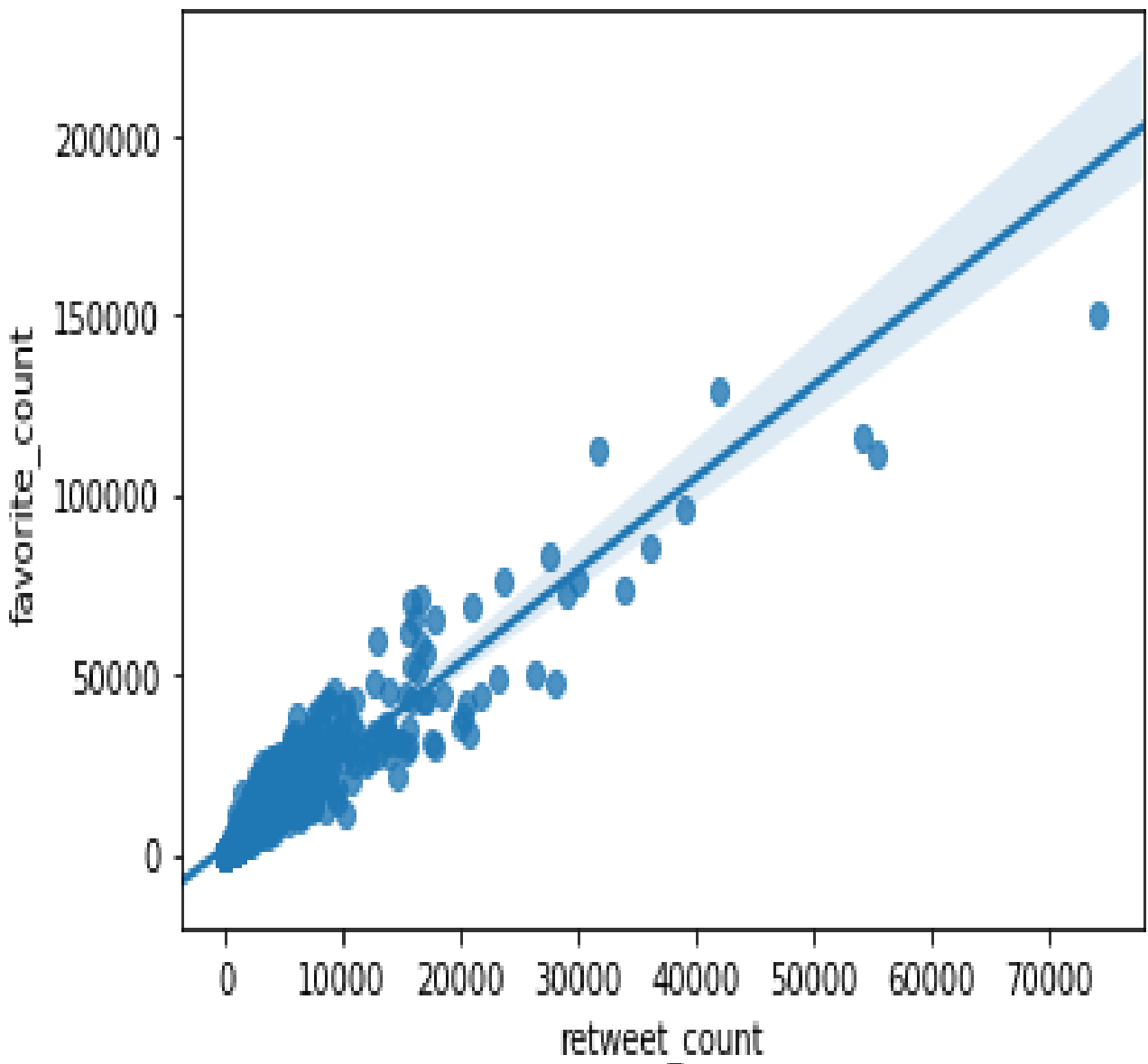
Question 3 - Which is the most common breed of Dog predicted?

Question 4 - Which is the top 10 breed of Dog which receives more retweets?

Analyzing and Visualization :

Question 1:

For this, we will see whether favorite count and retweet count are related to each other. For knowing the correlation I have made a scatterplot.

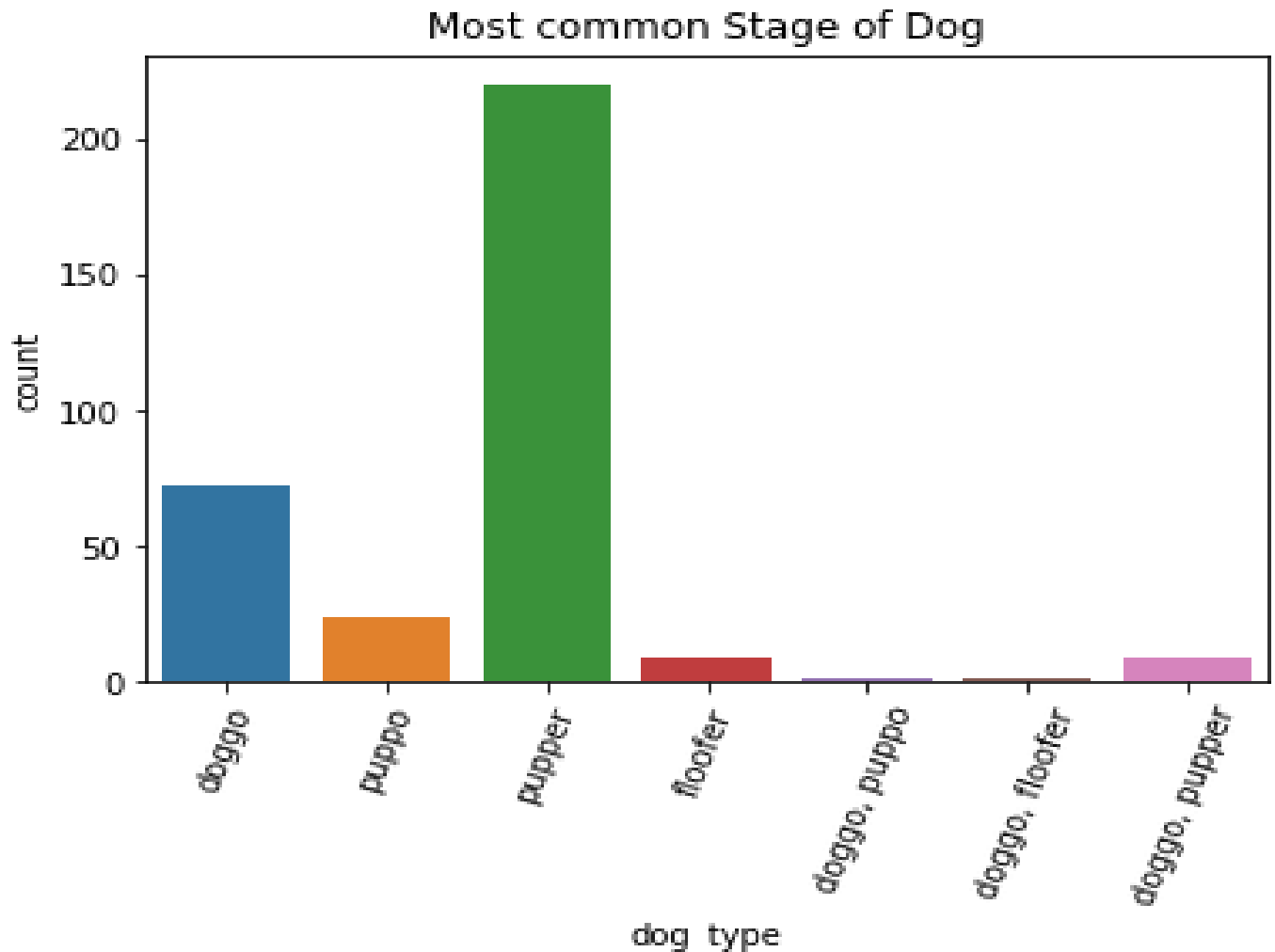


With the diffusion chart above, we see that the number of Retweets and the number of favorites are closely related to each other in a positive relationship.

Whereas, the higher the number of favorites, the greater the number of times re-tweets, and vice versa.

Question 2:

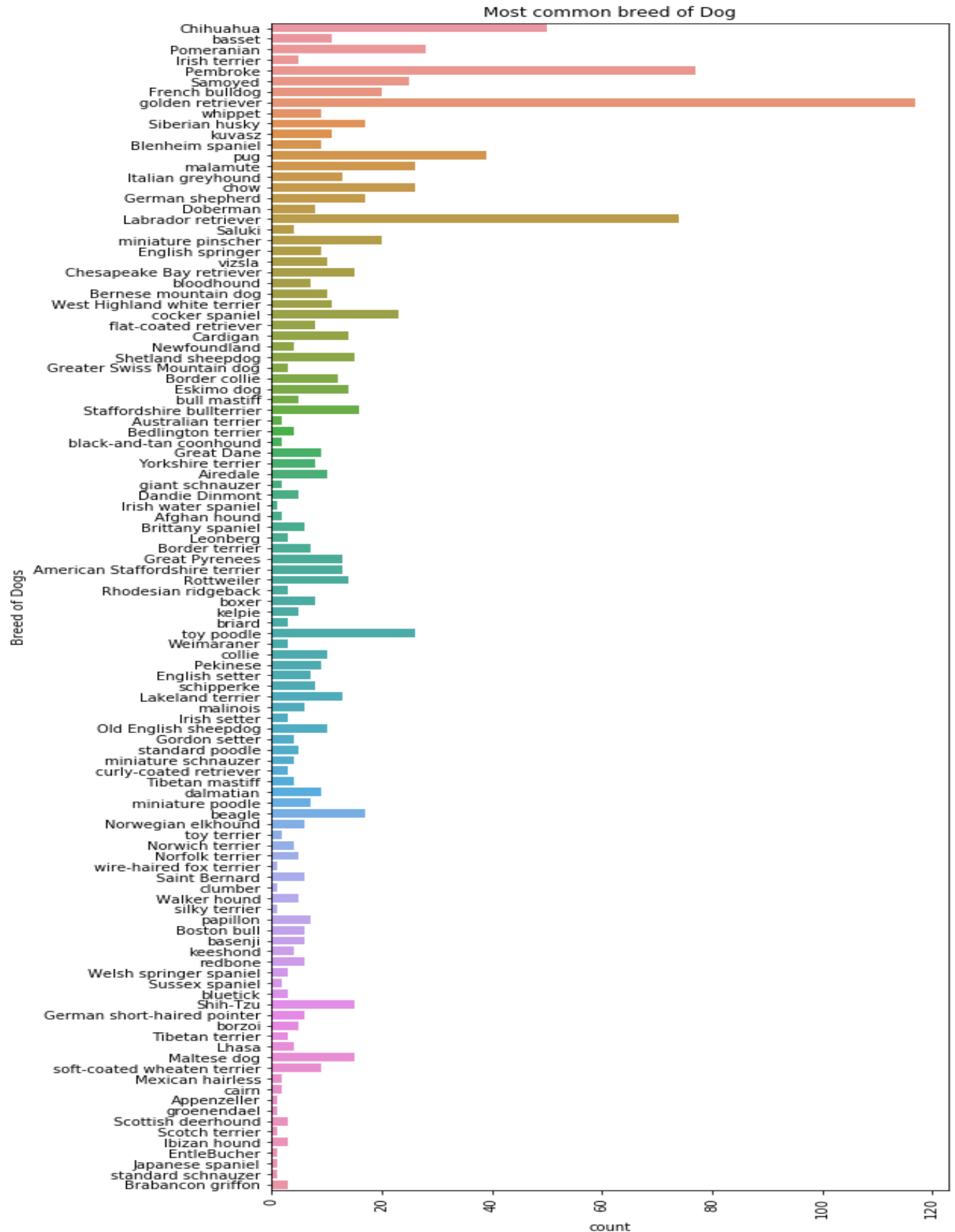
For this, we will plot a countplot of categories and their respective counts.



We have made a comparison between the different types of dogs, and it is clear from the chart of the above drawing that: Pupper is the most common canine stage of all dogs.

Question 3

Which is the most common breed of Dog predicted?



WeRateDogs has over 6000+ tweets. I was able to analyze around 1000+ tweets.

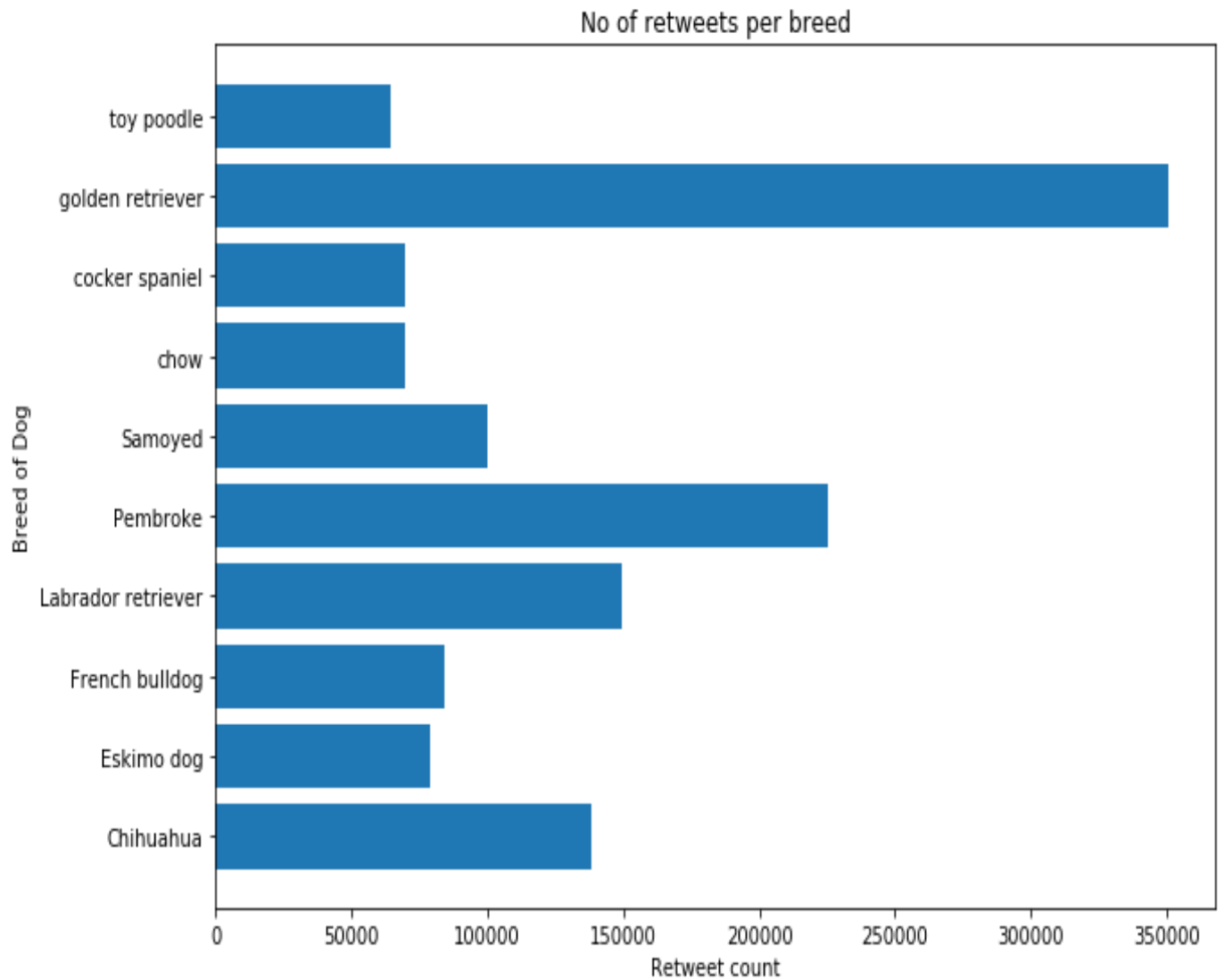
The most rated dog was golden retriever with more than 120 ratings.

It comes after the Golden Retriever in the ranking:

Labrador Retriever, Pembroke, Chihuahua, and Pugs are the most common breeds of dog.

Question 4

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



Note from the countplot diagram above that
Golden Retriever breed receives more Retweets.