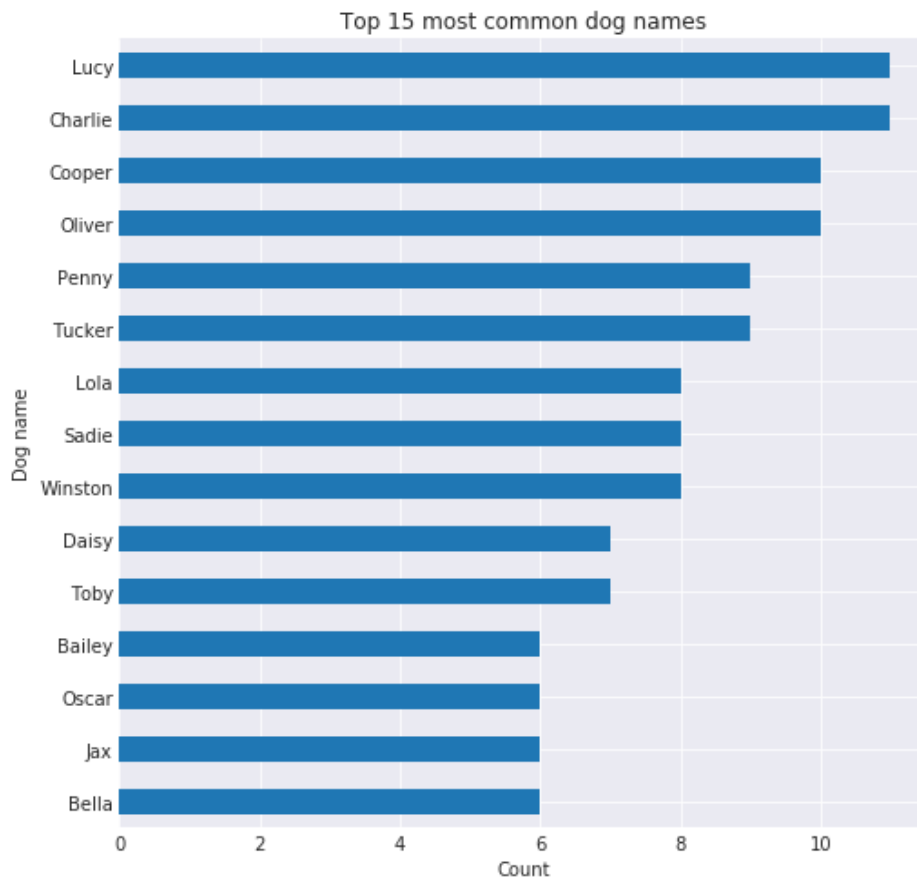


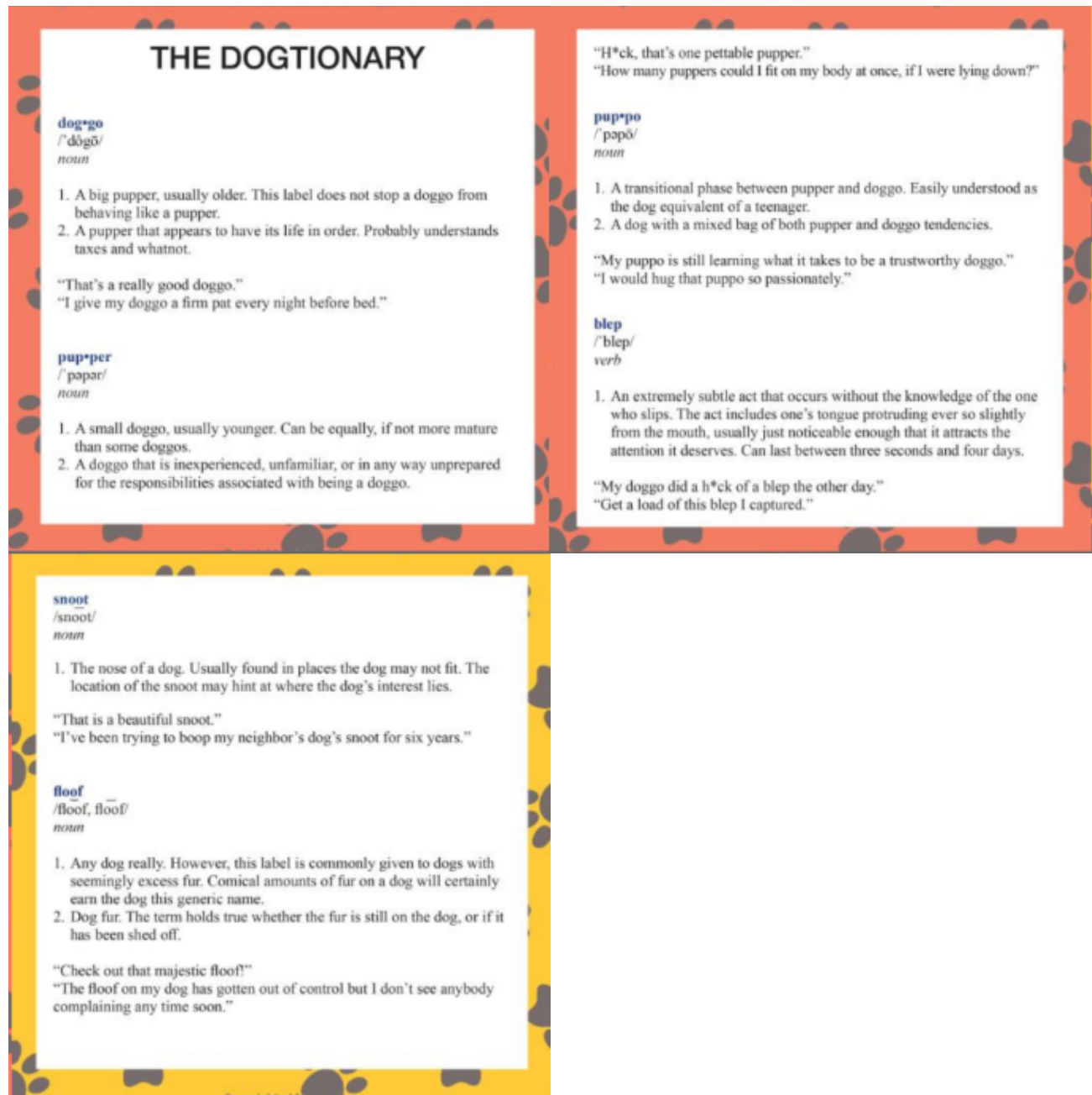
Analysis Report for WeRateDogs dataset

This report analyses WeRateDogs dataset, which is the tweet archive of the Twitter user @dog_rates, who rates people's dogs with a humorous comment about the dog (only!). The ratings almost always have a denominator of 10, with numerators almost always greater than 10 because of 'They're good dogs, Brent' meme. WeRateDogs dataset consists of tweets created before August 1, 2017. From the dataset, we will look for the most common dog names, most common dog breed found by a neural network based on the cute image of the dog, most common dog stage and the relationship between the favourite counts and retweet counts.

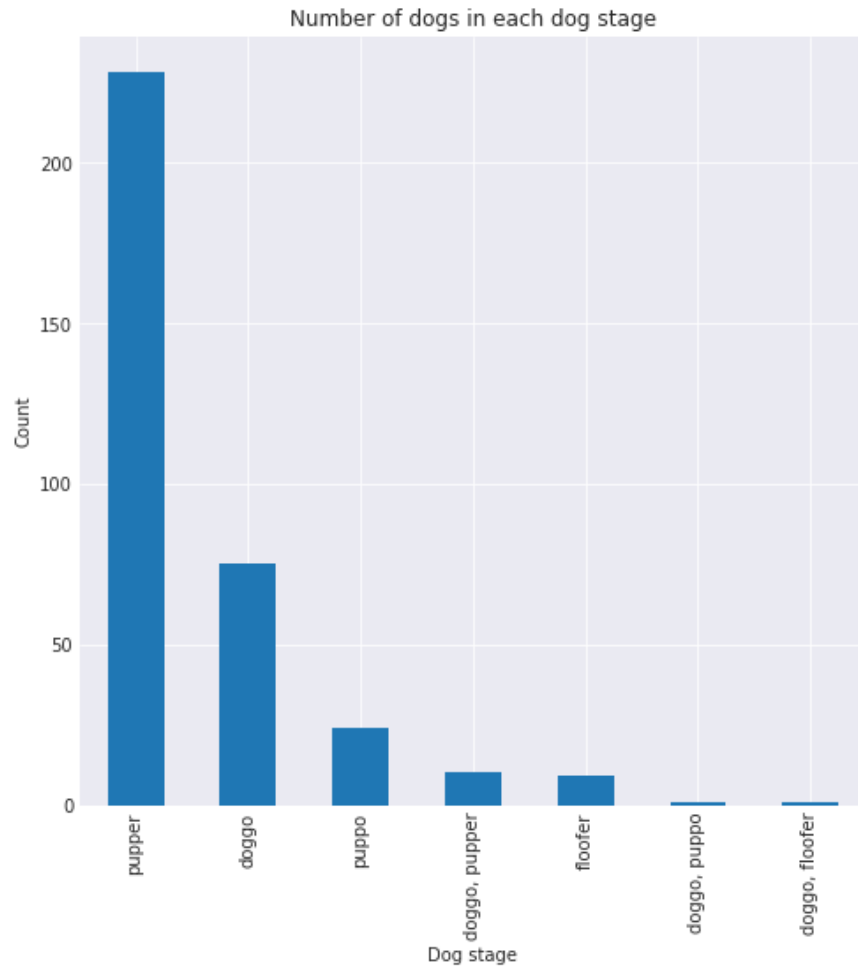
According to the dataset, Lucy and Charlie are the most common dog names, followed by Copper and Oliver (both are the second most common dog names). Penny and Tucker are the third most common dog names. The bar chart below depicts the top 15 most common dog names. Does your dog have one of the most common dog names? To be honest, the name of my dog is Charlie!



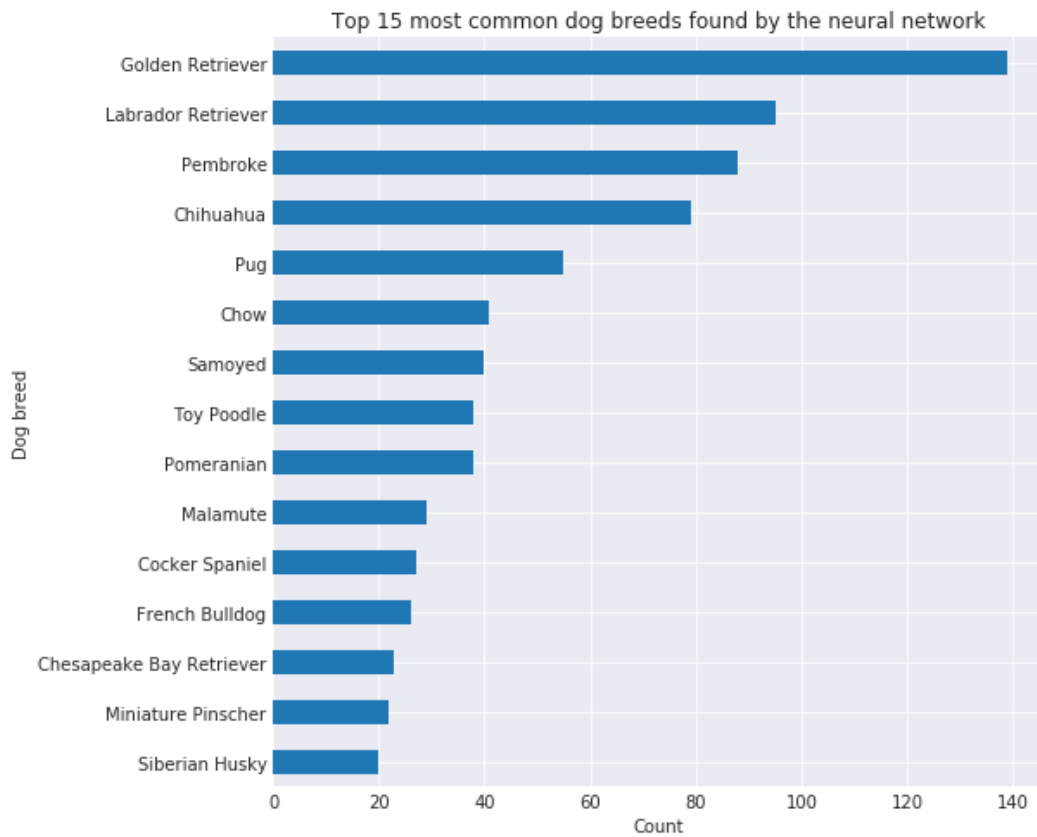
The next question: what is the most common dog stage? According to Dogtionary ([#WeRateDogs book](#)), there are four various dog stages, which are doggo, pupper, puppo and floofer. The explanation for each stage is provided in the picture below.



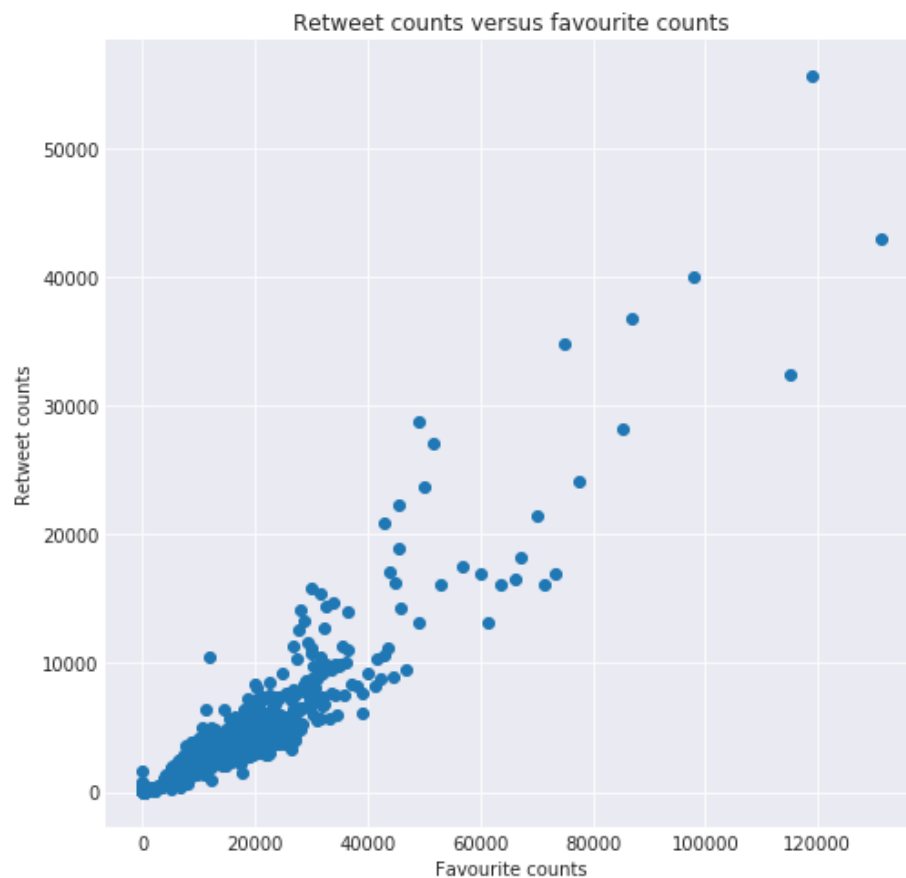
According to the bar chart below, pupper is the most common dog stage, followed by doggo. In other words, WeRateDogs rates pupper most often. No one can resist the cuteness of a pupper, including WeRateDogs.



The dataset also consists of the dog breeds predicted by a neural network (A.I.) using the images of the tweets. Based on the bar chart shown below, the most common dog breeds predicted by a neural network is golden retriever, followed by labrador retriever and pembroke.



From the scatter plot, it can be seen that there is a positive correlation between favorite counts and retweet counts. In other words, when the favourite counts are high, we can expect retweet counts to be high too.



In conclusion, the most common dog names are Charlie and Lucy, and the most common dog stage is pupper. Besides that, the most common dogs breed recognized by the neural network is golden retriever. There is a positive correlation between favorite counts and retweet counts.