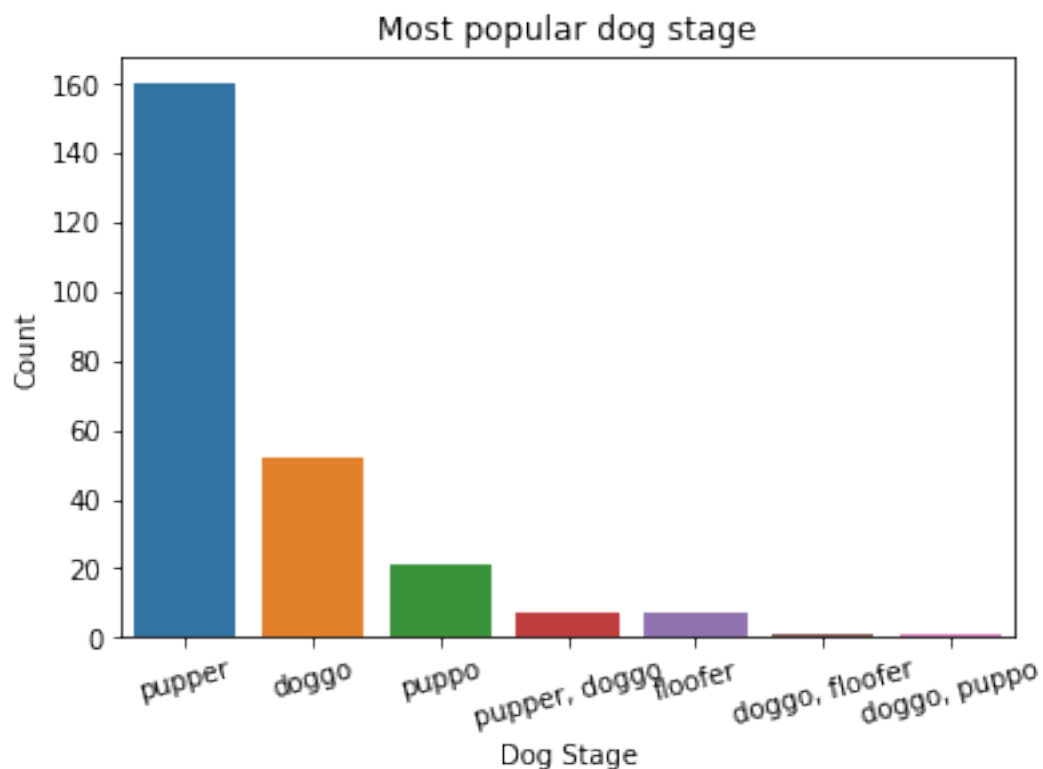


Act Report

Data Analysis And Visualization:

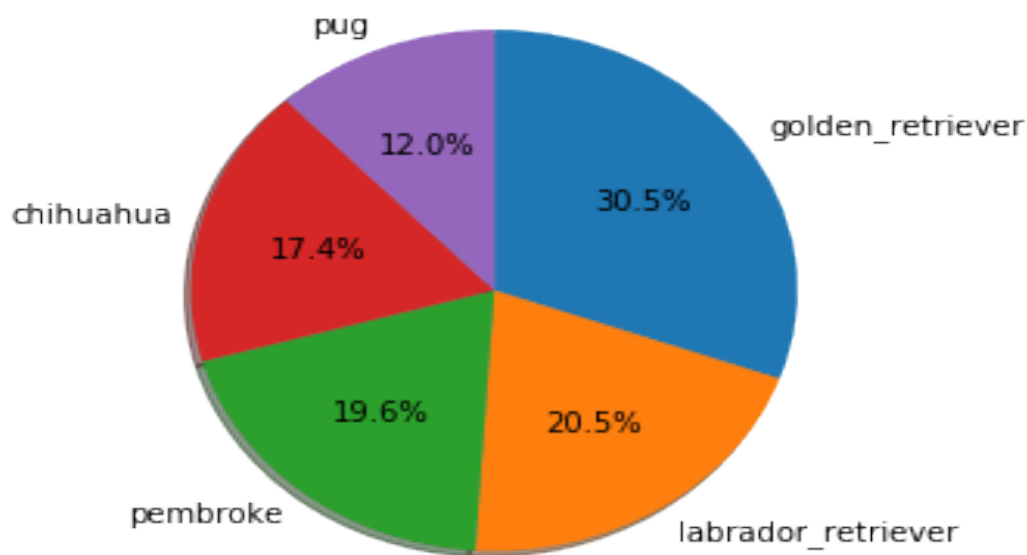
In this project, the data is gathered from three different sources. The first one is the Weratedogs twitter archive by manual download. The tweet image predictions are downloaded programmatically using requests library through an url. The last one is the additional data like favorite count, retweet count. This data is obtained using tweepy library.

1. Which is the most popular dog stage?



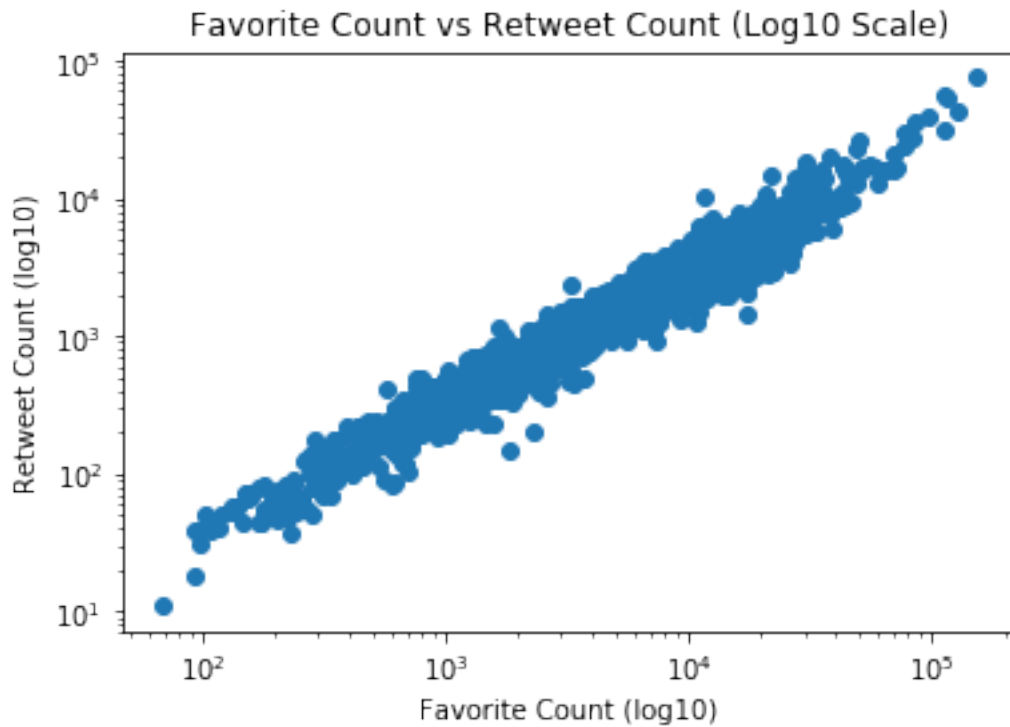
There are almost 1350 none values for the dog stage. Among the given values, pupper is the most popular dog stage. Then follows doggo, puppo and floofer.

2.What are the top 10 dog breeds?



There are many breeds in our data. The top 5 breeds are golden_retriever,labrador_retriever,pembroke,chiuhua and pug. These 5 breeds almost constitute 29% of all the dog breeds.

3.What is the relationship between retweets and favourites?



Retweet count and favorite counts share a strong positive correlation. Their correlation coefficient is 0.93. This shows that if a tweet has a higher favorite count, then the retweet count is also higher and vice versa.