Act report for Twitter @dogs_rates account
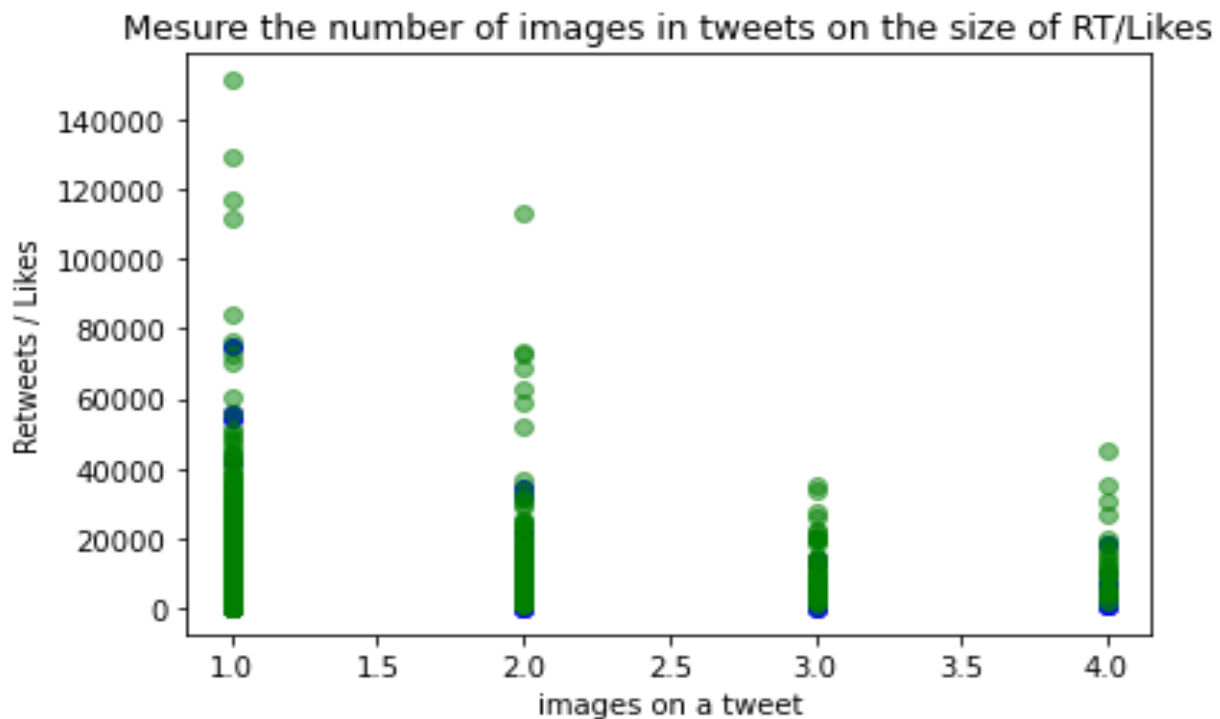
Introduction:

After we have assessed and clean the gathered datasets which we have reported on here, we will an analyze the cleaned master table we made in order to insight some of it and made conclusions upon the tweets on @dogs_rates.

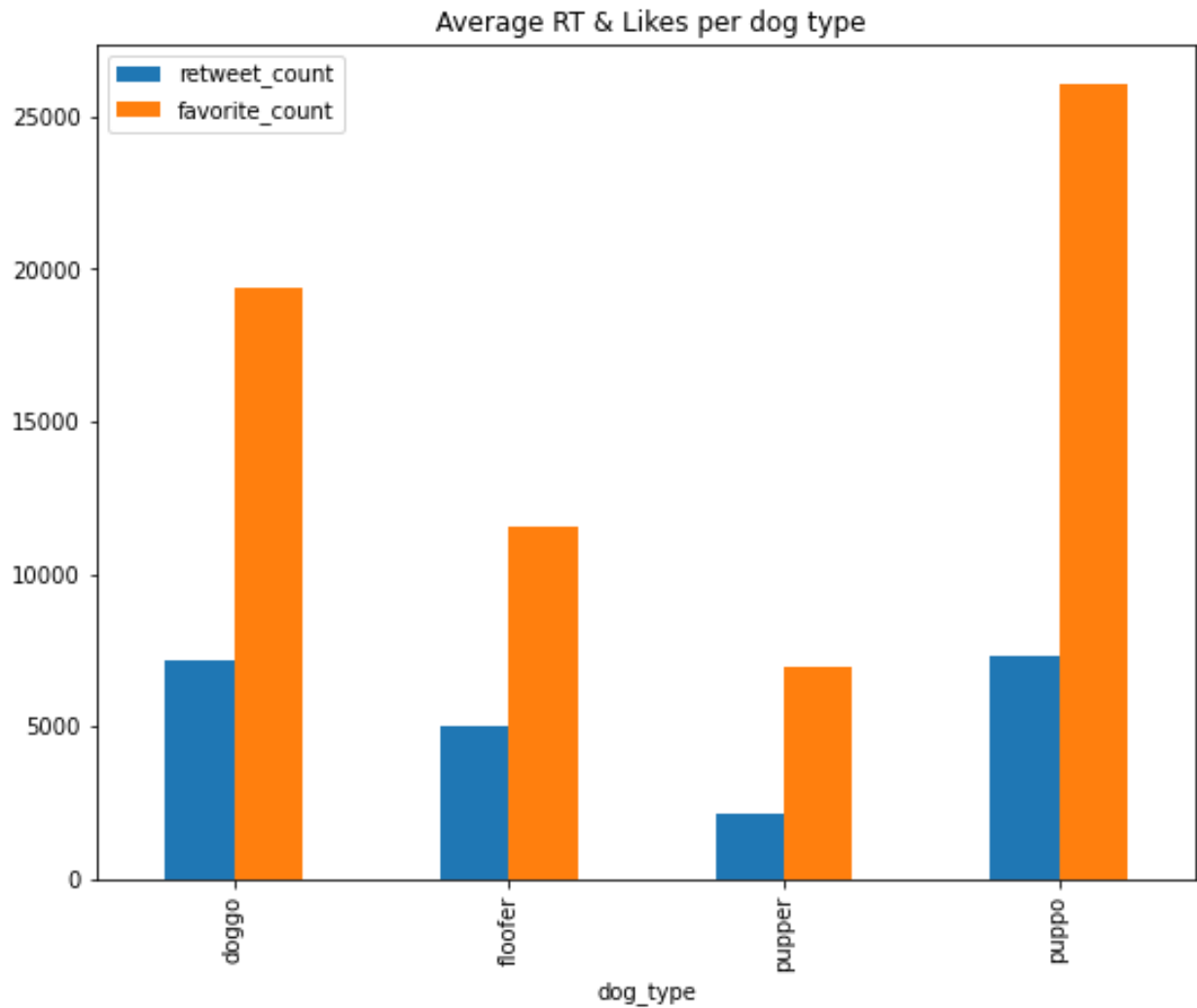## Does RT & Likes effected by the number of posted images ?

In order to answer this question, we have made a scatter plot to represent retweets and likes per the images in the tweet.

The blue represent retweets and the green represent likes. As we can see, it is clear that the most both retweets & likes @dog_rates has from the master table has one single image. These RT & likes also decrees If the tweet contain more images.

What is the most liked dogs type of the four types in the dataset?

We have consider RT & Likes as the most two tweets information to answer this question by taking the average of both RT & Likes for puppo, pupper, doggo, floofer then represent it in the below bar chart.

Average RT & Likes per dog type

We can observe that the from most to the least for both RT & Likes are puppo, doggo, floofer, pupper.

What is the most accurate prediction algorithm in detecting a dog ?

We have calculated the successed rate for each prediction method in detecting if the image in the tweet is for a dog.

```
p1_accuracy , p2_accuracy , p3_accuracy
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(0.7421931735657226, 0.7545388525780683, 0.729121278140886)
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The most successed prediction method in order 75% for p2, 74% for p1, 73% for p3.