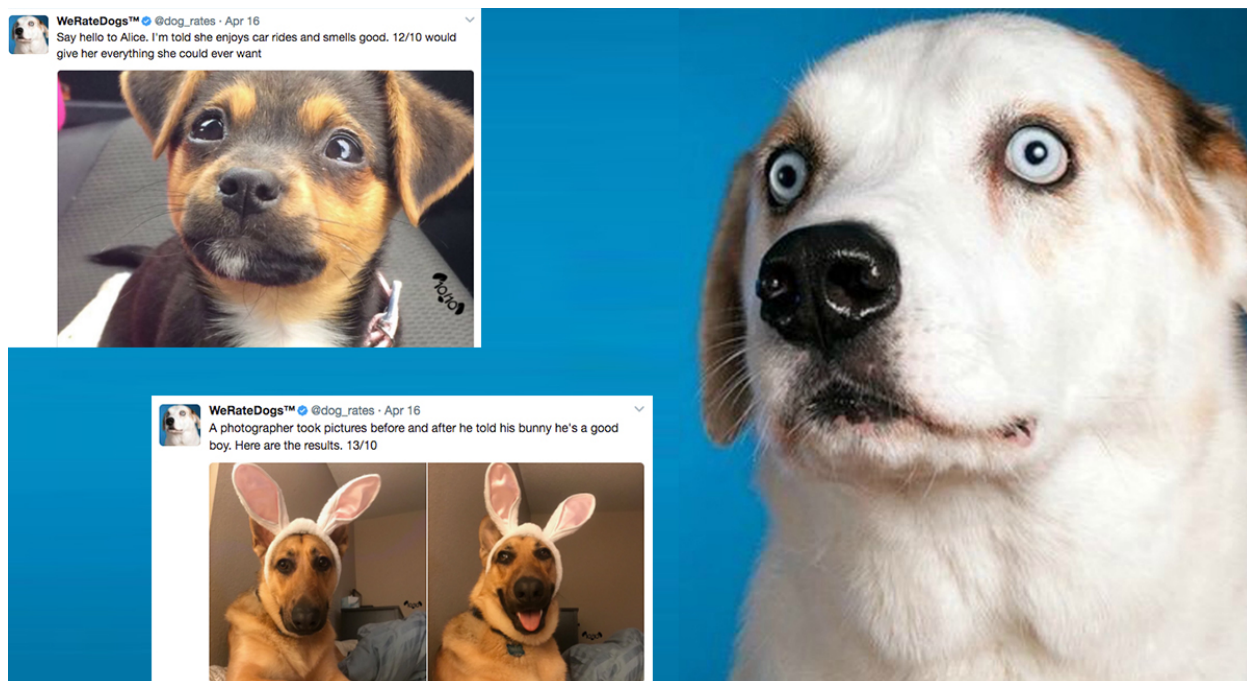# Act Report

Introduction

The dataset is the tweet archive of Twitter user @dog_rates, also known as WeRateDogs. WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. WeRateDogs has 8.9M Followers. These ratings almost always have a denominator of 10.


Gathering Data

I collected the data from three different sources. The "Enhanced Twitter Archive" basically contains the tweet text and some information extracted from this text. The second one is the tweets information itself from Tweeter. I only took two pieces of information from it which are the "retweet count" and "favorite counte". The last one is the image prediction which contains the output of a neural network that specifies what is in the picture of the tweet; is it dog or not?

Insights about the data

Relation between the retweet counts and the favorite counts

The relationship is linear between the retweet count and the favorite count as shown in the following figure. When there is a good picture, the people tend to like and share it. This will make the picture reach more people and more like and share. One of the interesting things in this graph is that the "Favorite Count" tends to be double the "Retweet Count". You can say that for each share we got two likes :)

Relation between the retweent counts with the favorite counts
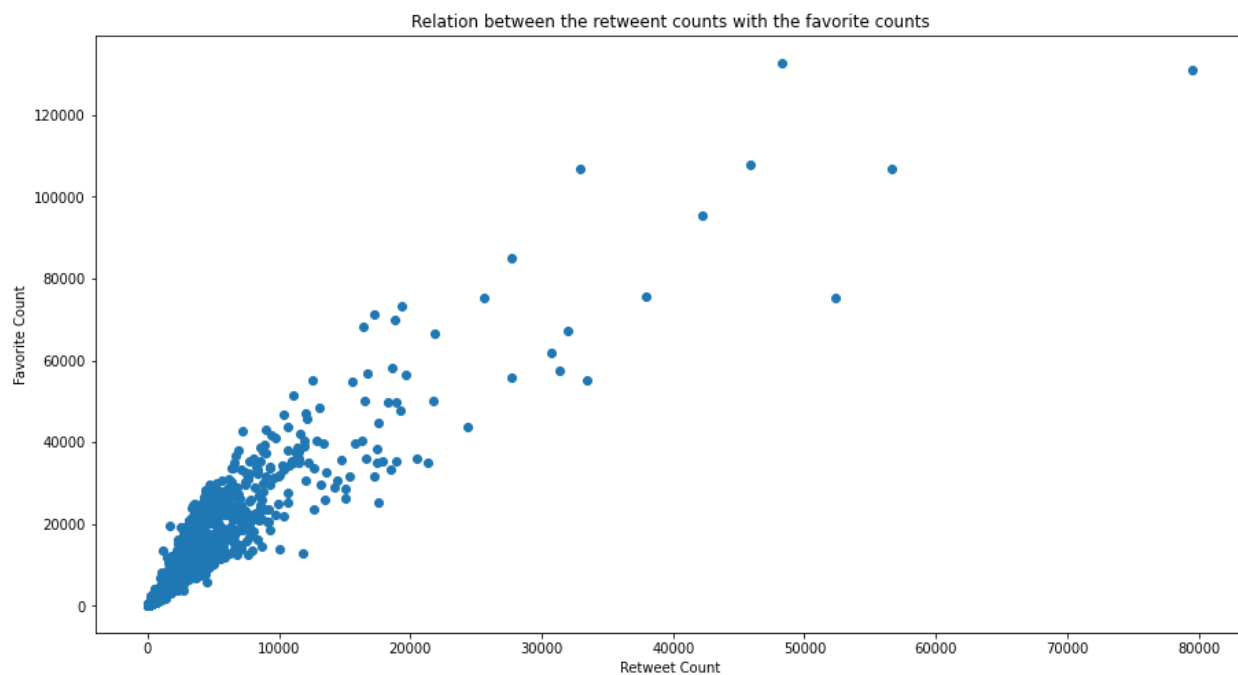
The twitter count with years

The number of tweet counts was maximum in 2016 and then decreased over years as shown in the following figures. It appears that at the beginning of the page, the posts are more frequent to attract more followers and then it decreases to 3 tweets per month.
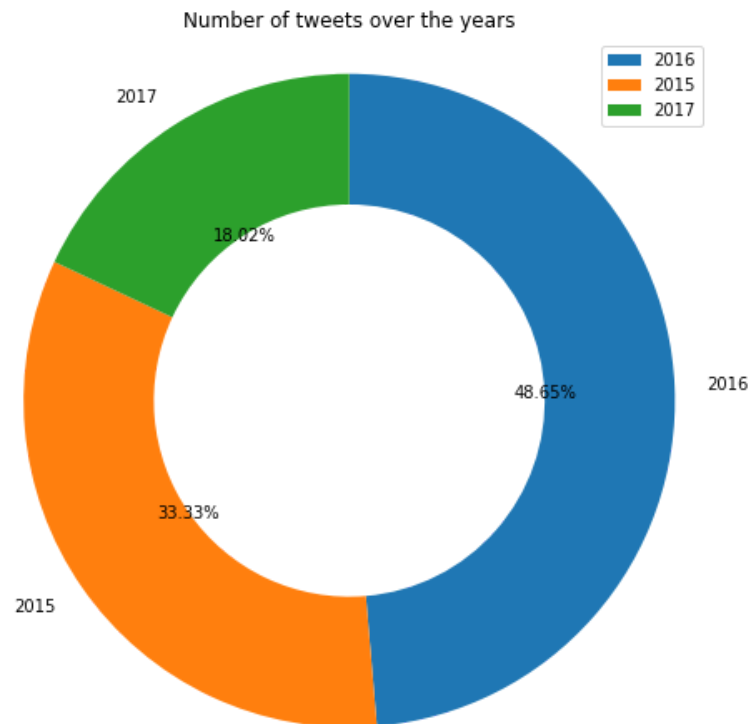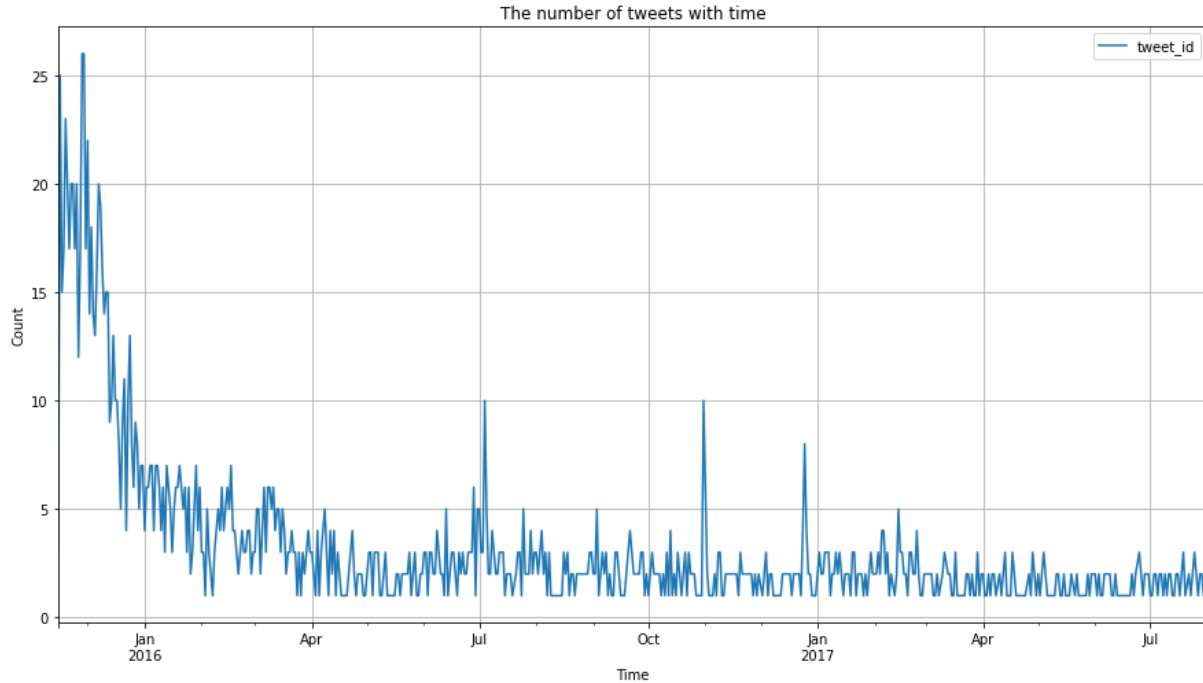
The source of tweets

The common source of tweets from the iphone anything else can be neglected as shown in the following figure. Nowaday, people are using their phone more than the PC or laptop. This is especially for social media. That's why most social websites have their own application to encourage their customers to increase their interactions.