

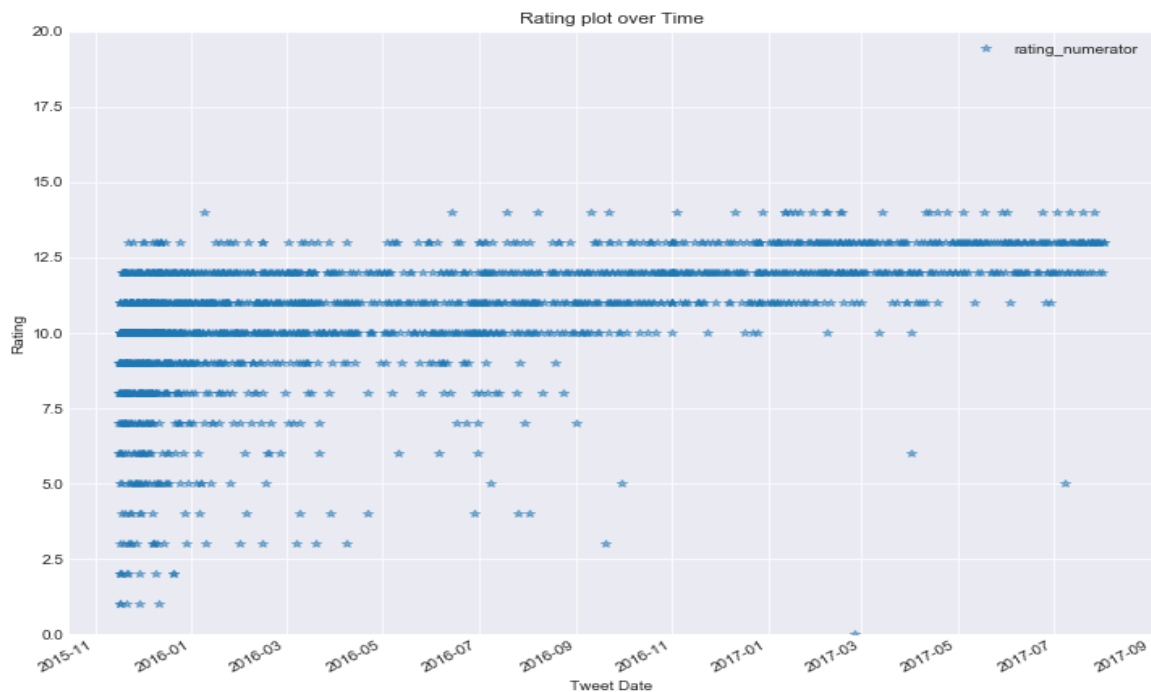
# ACT REPORT

*Submitted by Mohamed Abido as a part of the Data Analyst Nanodegree at Udacity.*

## Rating Over Time:

As seen below,

- Most of the data has a rating numerator less than 15.
- We investigated this further below and found out that 75%(3rd Quartile) of data have rating numerator less than or equal to 12.

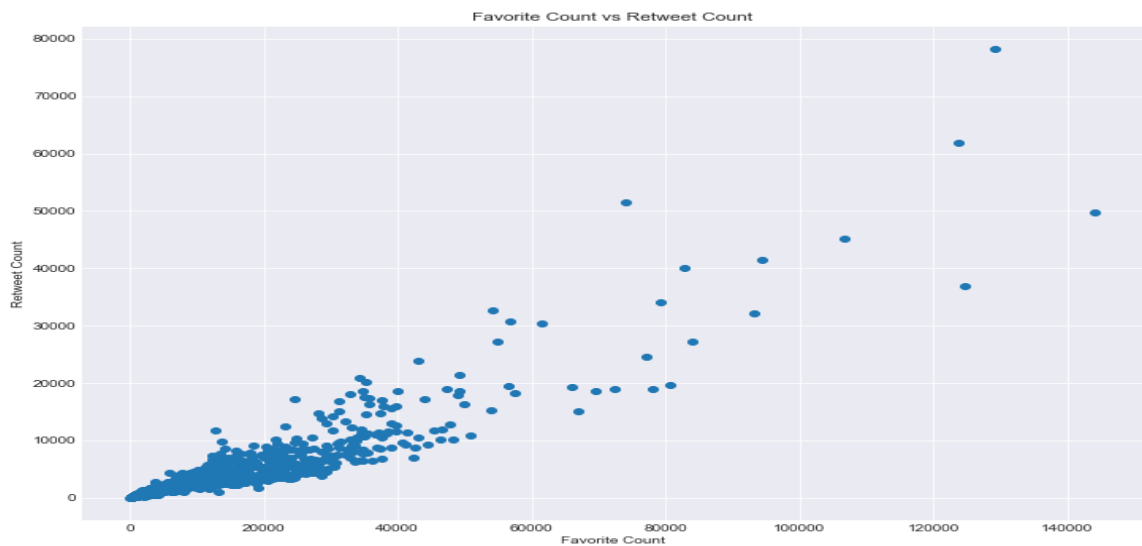
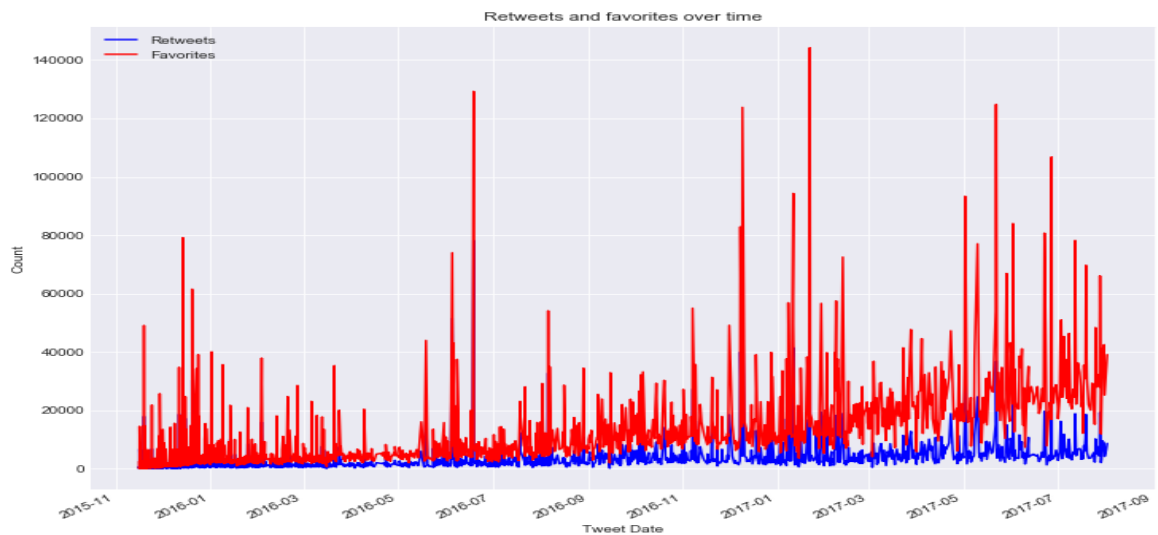


count	1953.000000
mean	10.527394
std	2.189859
min	0.000000
25%	10.000000
50%	11.000000
75%	12.000000
max	14.000000

## Retweets and Favorites:

As seen below,

- People tend to favorite the weratedogs tweets more than retweeting them.
- Looking at retweets and favorites it's noticeable that the account is getting more popular by time.
- These outliers (extreme values of retweets and favorites) can be explained by the fact that they represent very popular tweets.
- Also, as seen in the second graph (scatter plot) there's a strong correlation between the retweet count and favorite count.



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## Dog Gender:

As seen below,

- It seems that the sample has more male dogs than female dogs.
- Although it's worth noting that nearly 32% of data are gender unknown

