

Analysis Report for WeRateDogs Twitter Archive

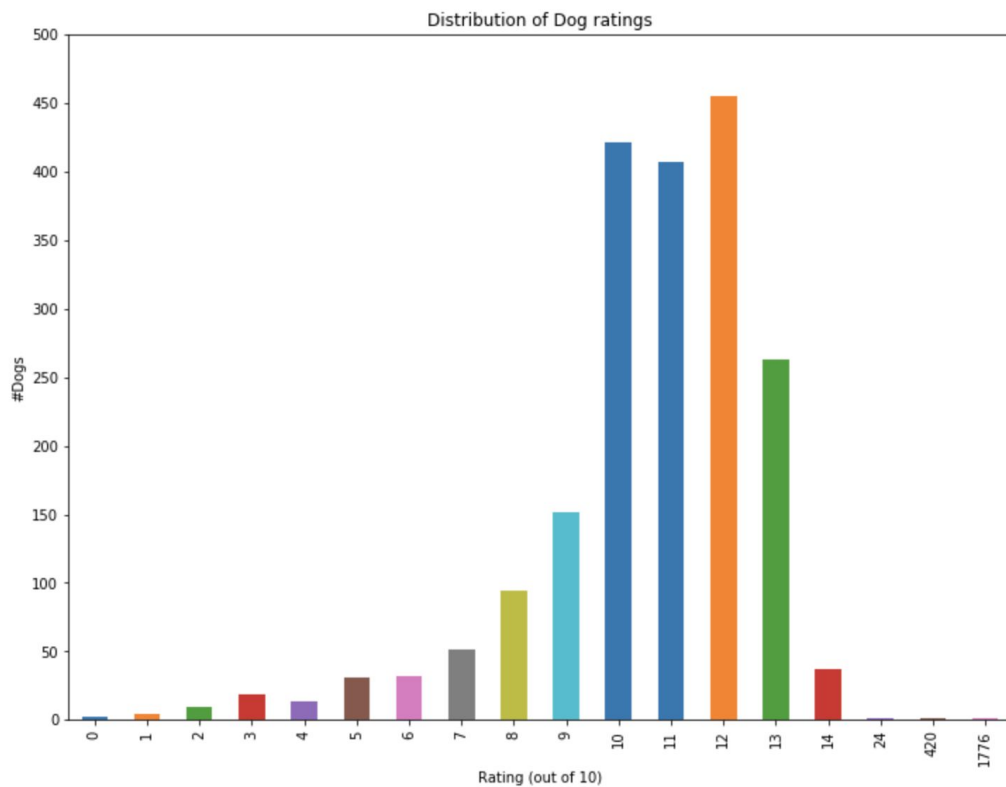
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The primary focus of analysis was retweet and favorite counts and rating; and where I could, I compared Dog breed / stage.

~60% of the Dogs were rated above 10

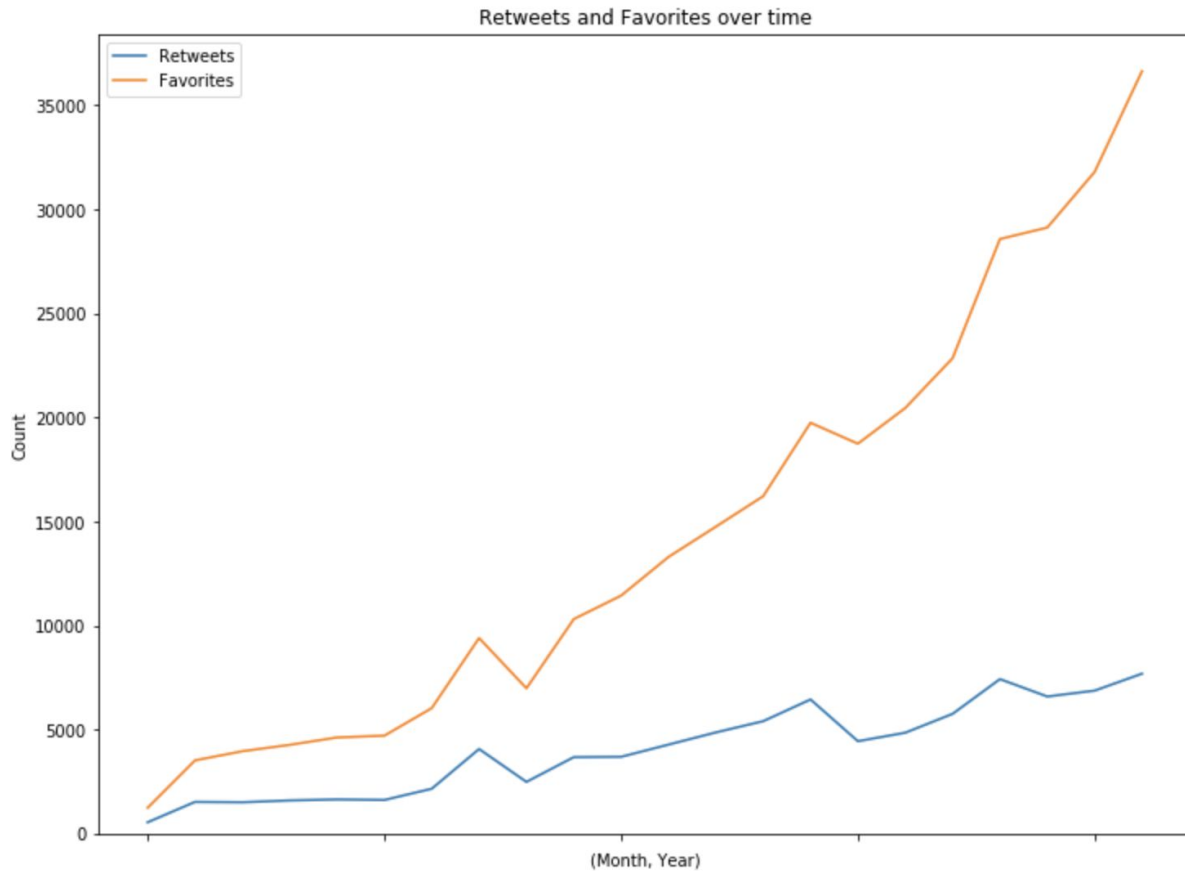
Most of the dogs are rated 12/10. The 2 outliers are 420 and 1776. The highest rating received by any dog is 14/10. However, only 2% (i.e. 37) dogs got this rating.



Retweets and Favorites

There is an increasing trend of retweeting and liking tweets posted by WeRateDogs. Liking (labeling favorites) increases faster compared to retweeting over time.

We can, therefore, conveniently conclude that WeRateDogs has become popular in 2 years.



With Respect to Dog Stages...

Doggo

Mean Retweet Count 6993

Mean Favorite Count 19078

Floofer

Mean Retweet Count 4777

Mean Favorite Count 13701

Pupper

Mean Retweet Count 2365

Mean Favorite Count 7219

Puppo

Mean Retweet Count 7027

Mean Favorite Count 22724

People react most to tweets about Doggo stage for any Dog.

We did find some relationship between Dog stage and retweet/favorite count!!!

Retweet and favorite count changes with "Gog stage" (i.e. Doggo, Floofer, Puppo, Pupper). Pupper, a small doggo and usually younger, is less popular as compared to its older counterparts.

Aside:

- During data cleaning, we found that most popular Dog names are - Charlie (probably has something to do with Charlie Brown!), Oliver, Cooper, Lucy.

Test

```
In [43]: # Let's look at all Dog names!
         cln_twtr_archv_df.name.value_counts()
```

```
Out[43]: None          644
         Charlie        11
         Oliver         10
         Cooper         10
         Lucy           10
         Penny           9
         Tucker          9
         Sadie           8
         Winston         8
         Lola            7
         Toby            7
         Daisy           7
         Jax             6
         Bella           6
         Bo              6
         Stanley         6
         Koda            6
         Louis           5
         Leo             5
         Oscar           5
         Bailey          5
         Scout           5
         Chester         5
         Milo            5
         Buddy           5
         Rusty           5
         Dave            5
         Sophie          4
         Larry           4
         Clark           4
         ...
         Kathmandu       1
         Skye            1
```

- TSV data was very sparse. We could not identify most Dog breeds!

Analyze Dog rating

```
In [63]: df['rating_numerator'].value_counts().sum()
```

```
Out[63]: 1994
```

```
In [64]: df['rating_numerator'][df['rating_numerator'] > 10].value_counts().sum()
```

```
Out[64]: 1165
```

Of 1994 dogs rated by WeRateDogs, 1164 dogs were rated above 10 (~60%).