

Wrangle and analyze WeRateDogs Twitter data

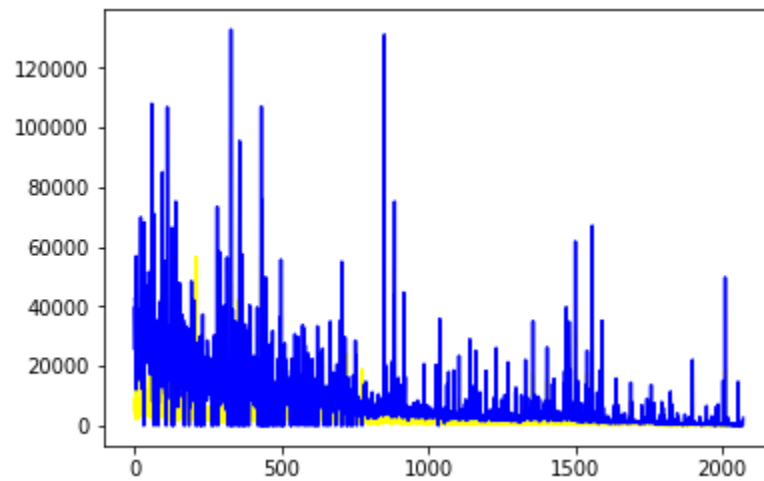
Twitter is one of the most social media applications in the meantime, it has millions of accounts and there are 330 million monthly active users and 145 million daily active users on Twitter. WeRateDogs is one of the most popular pages that twitter with (8.7M Followers).

We Rate Dogs is actually a page that rate dogs just like how it does sounds, you send them your dog picture on direct message on their twitter page and they will post it on the page and it will get rated. The fact that the rating numerators are greater than the denominators this unique rating system is a big part of the popularity of WeRateDogs. I will be sharing with you my analysis and findings on WeRateDogs Twitter data. This is their page and one of their popular pictures.



After gathering, assessing and cleaning this plot below shows the relation between retweet count and favorite count on (We Rate Dogs) data.

The yellow color represents retweet count and the blue color represent retweet count favorite count. There is positive relation between (retweet and favorite)



The most popular name for a dog is Charlie then Lucy, Oliver, Cooper as you can see from We rate dogs data, regardless of (None, a).

```
In [187]: df.name.value_counts().head(10)
```

```
Out[187]: None      546  
a           55  
Charlie     11  
Lucy        10  
Oliver      10  
Cooper      10  
Tucker      9  
Penny       9  
Sadie       8  
Winston     8  
Name: name, dtype: int64
```

Here are the top 10 retweets in Weratedogs data

	tweet_id	retweet_count
851	744234799360020481	79515
432	807106840509214720	56625
209	842892208864923648	56625
886	739238157791694849	52360
329	822872901745569793	48265
59	879415818425184262	45849
355	819015337530290176	42228
358	819004803107983360	42228
129	861769973181624320	37911
435	806629075125202948	37911

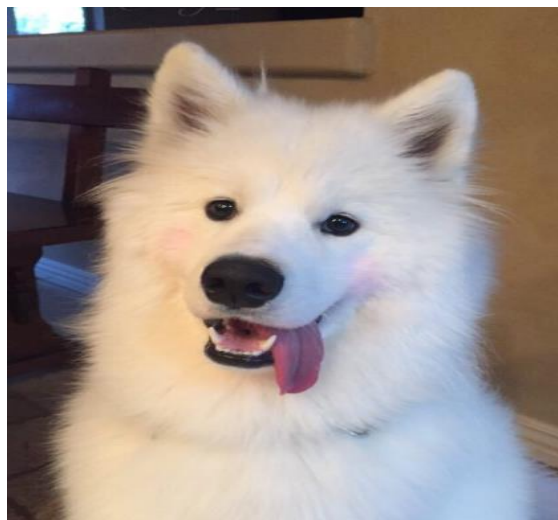
The lowest 10 retweets in our data

	tweet_id	retweet_count
263	832769181346996225	43
2068	666049248165822465	41
229	838916489579200512	38
1977	667550904950915073	37
2054	666268910803644416	37
1942	668291999406125056	34
1978	667550882905632768	34
2036	666447344410484738	23
171	851861385021730816	23
2056	666102155909144576	16

The most popular dog stages

	1753
pupper	210
doggo	67
puppo	23
doggo, pupper	11
floofer	7
doggo, floofer	1
doggo, puppo	1

Now I will be sharing with you some of the most unique images for we rate dogs while I was assessing, analyzing and cleaning the data for We rate Dogs.



This project was very challenging since real world data rarely comes clean, in order to create interesting and trustworthy analyses and visualizations you need to gather, then assess and clean, you might go back to any step while analyzing maybe to gather more information for your analysis, maybe you finished assessing, started cleaning, and spotted another data quality issue. Revisiting assessing to add these assessments to your notes is fine so you can iterate.