act_report

April 23, 2019

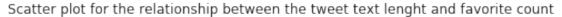
0.1 Visualizations and Analysis for "We Rate Dogs" Twitter Archive

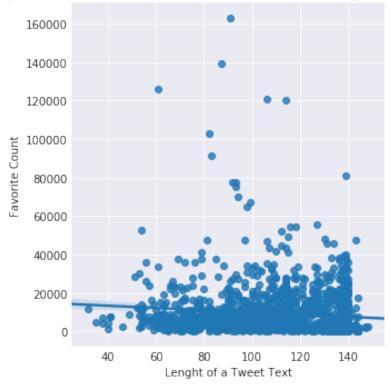
0.1.1 What is "We Rate Dogs" Twitter Account?

It is a Twitter account that rates people's dogs with a humorous comment about the dog. It started in 2015 by the college student Matt Nelson, and has received international media coverage both for its popularity and for the attention drawn to social media copyright law when it was suspended by Twitter.

In the following sections, there are several visualizations and analysis related to the twitter account of "We Rate Dogs".

Is there a relationship between the tweet text lenght and the favourite count?



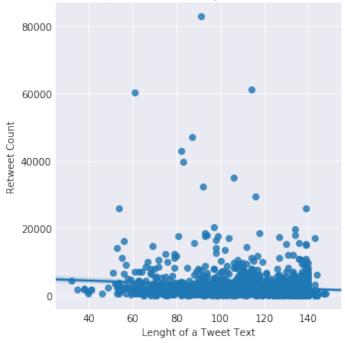


Out[6]: -0.11083863911332734

Answer: I can observe that the relationship between the lenght of a tweet text and the favorite count of the tweet is almost doesn't exist. Therefore, I will test the retweet count of the tweet and check if there is a relationship with the number of letters in a tweet.

Is there a relationship between the tweet text lenght and the retweet count?

Scatter plot for the relationship between the lenght of the tweet text and the retweet count



Out [23]: -0.12833400504489664

Answer: I can notice that also there is almost no relationship between the number of letters and the retweet count.

Conclusion:

I came to the conclusion that the favourite count and retweet count have no relationship with the length of tweet text.

As a result, I suspect that the content of the tweet affects the engagement on the tweet.

What are the most popular dog names?

Oliver 10
Charlie 10
Penny 9
Tucker 9
Sadie 8

Winston Lilly Toby Lola Daisy Stanley Bella Bo Koda Jax Leo Alfie Chester Dave Ellie Oscar Scout Buddy Bailey Rusty Louis Milo Reggie	8 7 7 7 6 6 6 6 6 5 5 5 5 5 5 5 5 5 4
Ron Shooter	1
Hero	1 1 1
Hero Grey Maya	1 1 1
Hero Grey Maya Karl Michelangelope	1 1 1 1
Hero Grey Maya Karl Michelangelope Lizzie	1 1 1 1 1
Hero Grey Maya Karl Michelangelope	1 1 1 1
Hero Grey Maya Karl Michelangelope Lizzie Maddie	1 1 1 1 1 1
Hero Grey Maya Karl Michelangelope Lizzie Maddie Arlo Zeus Cherokee	1 1 1 1 1 1 1 1 1
Hero Grey Maya Karl Michelangelope Lizzie Maddie Arlo Zeus Cherokee Heinrich	1 1 1 1 1 1 1 1 1 1
Hero Grey Maya Karl Michelangelope Lizzie Maddie Arlo Zeus Cherokee Heinrich Bell	1 1 1 1 1 1 1 1 1
Hero Grey Maya Karl Michelangelope Lizzie Maddie Arlo Zeus Cherokee Heinrich	1 1 1 1 1 1 1 1 1 1 1
Hero Grey Maya Karl Michelangelope Lizzie Maddie Arlo Zeus Cherokee Heinrich Bell Franq Alfredo Rontu	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Hero Grey Maya Karl Michelangelope Lizzie Maddie Arlo Zeus Cherokee Heinrich Bell Franq Alfredo Rontu Lugan	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Hero Grey Maya Karl Michelangelope Lizzie Maddie Arlo Zeus Cherokee Heinrich Bell Franq Alfredo Rontu Lugan Snicku	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Hero Grey Maya Karl Michelangelope Lizzie Maddie Arlo Zeus Cherokee Heinrich Bell Franq Alfredo Rontu Lugan Snicku Canela	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Hero Grey Maya Karl Michelangelope Lizzie Maddie Arlo Zeus Cherokee Heinrich Bell Franq Alfredo Rontu Lugan Snicku	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Hero Grey Maya Karl Michelangelope Lizzie Maddie Arlo Zeus Cherokee Heinrich Bell Franq Alfredo Rontu Lugan Snicku Canela Shiloh	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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Alexander 1
Rufio 1
Levi 1
Darby 1
Wafer 1
Bruno 1
Name: dog_name, Length: 904, dtype: int64
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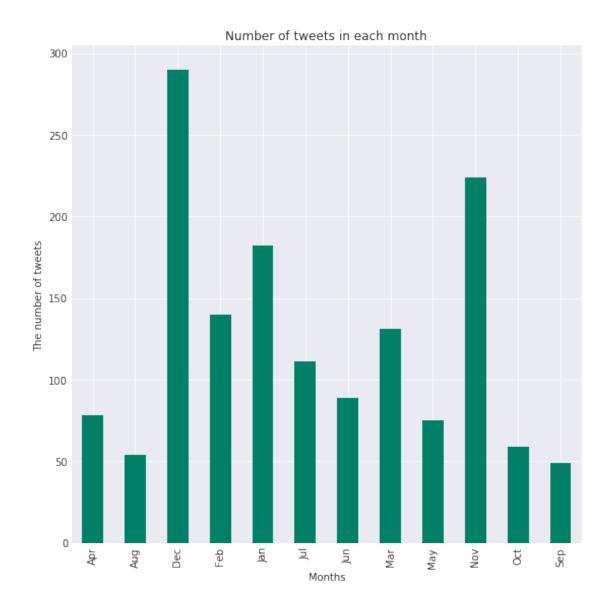
Answer:

The top four popular dog names are: Oliver, Lucy, Charlie, and Cooper. I also noticed that generally the dog names are unique among the dogs that are in the data set.

What is the average dog rating for each dog stage?

Answer: I can observe that the puppo stage has the highest average rating among other dog stages. And puppo has the lowest average rating among other dog stages.

In which months is the highest number of tweets are posted?



Answer:

I can observe that the top three months that have the highest number of tweets are December, November, and January.

I suspect that this is related to the availability of the account owner. He might have vacation in this period of time.

What are the top dog names that got a high favourite count?

Stephan Jamesy Lilly Lucy Charlie Duddles	125767 120882 119847 105019 103490 103108
Penny	97909
Stanley	94652
Gary Earl	93292 90359
Bella	88243
Phil	86906
Alfie	86809
Sunny	85161
Dexter	79576
Aja	77712
Kenneth	77478
Walter	76045
Winston	73791
Buddy	73756
Tucker Oliver	73673 71807
Boomer	68536
Dave	68100
Canela	67134
Kevin	67104
Cooper	65924
Leo	63880
Octaviath	379
Anthony	376
Saydee	370
Ronduh	369
Dook	366
Josep	346
Raphael	333
Cherokee	330
Sam	329
Clybe Chuk	329
Lambeau	328 321
Timofy	320
Julio	304
Leroi	283
Kohl	254
Bradlay	254
Spark	252
Bloo	249

Marvin	246		
Kollin	236		
Jockson	236		
Alphred	234		
Lugan	231		
Keet	216		
Kallie	204		
Klint	203		
Fwed	193		
Daryl	191		
Christoper	185		
Namo: famorito	count	I on a + h ·	90/

Name: favorite_count, Length: 904, dtype: int64

Answer:

I can notice that the 10 top dog names that got the highest favourite count are :

- Bo 177250
- Zoey 136506
- Stephan 125767
- Jamesy 120882
- Lilly 119847
- Lucy 105019
- Charlie 103490
- Duddles 103108
- Penny 97909
- Stanley 94652

Note: Charlie, Lucy, Penny, Lilly, and Stanely were some of the names that are popular among the other dogs names.