

Project: Wrangle and Analyze Data

Dataset: WeRateDogs / Analysis and Visualization

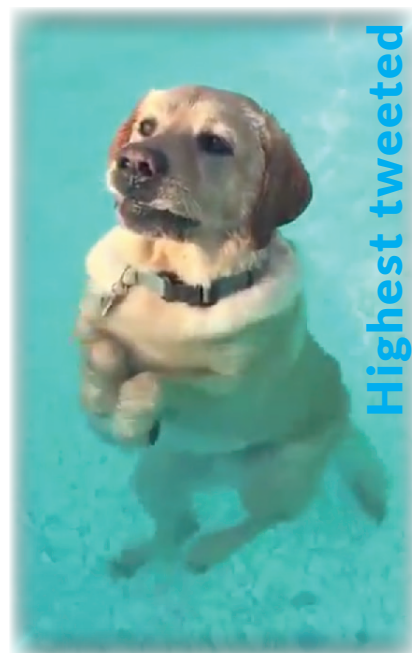
WeRateDogs is a Twitter account. This account rates people's dogs with entertaining comments. Twitter followers of WeRateDogs submit their dogs funny/cute pictures and are rated on a scale of one to ten. Funnily enough, ratings are mostly more than the maximum, such as "13/10". Favorite posts are retweeted, re-posted on Instagram and Facebook.

I liked all the dogs, specially pupper, and spent a lot of time watching them. From dataset, Atticus happens to hold that distinction of highest rating of 1776 out of 10. It looks outlier but not in this context. Hubris rating is a norm for dog lovers.

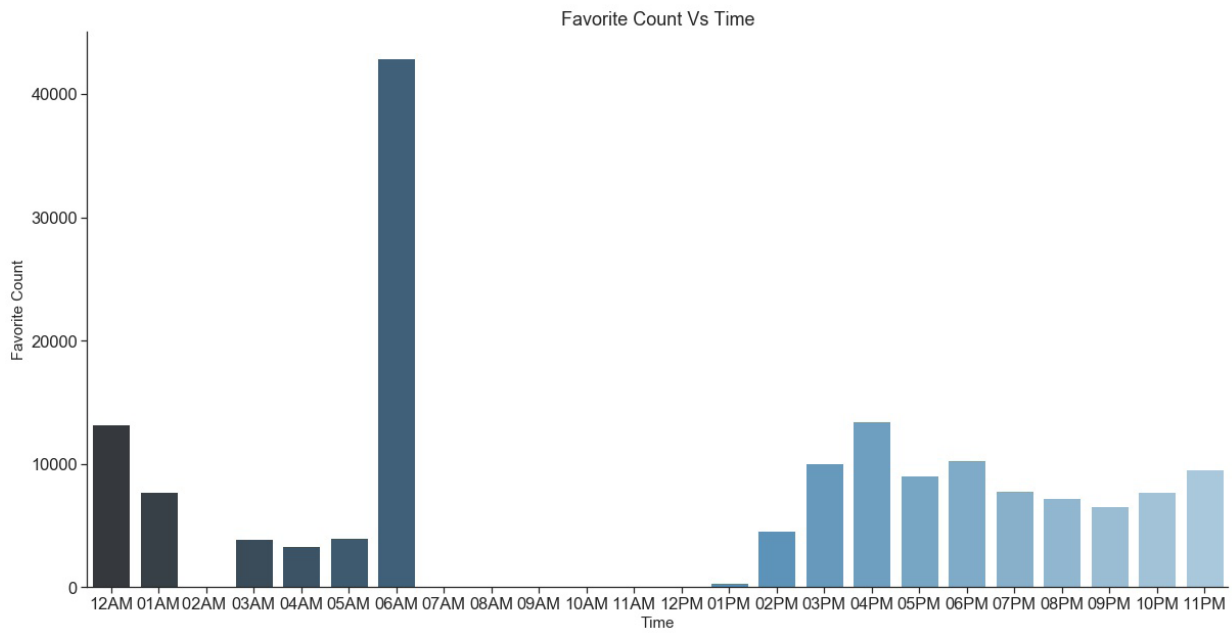


WeRateDogs™ | @dog_rates
This is Atticus. He's quite simply America af. 1776/10
Reference: https://twitter.com/dog_rates/status/749981277374128128/photo/1

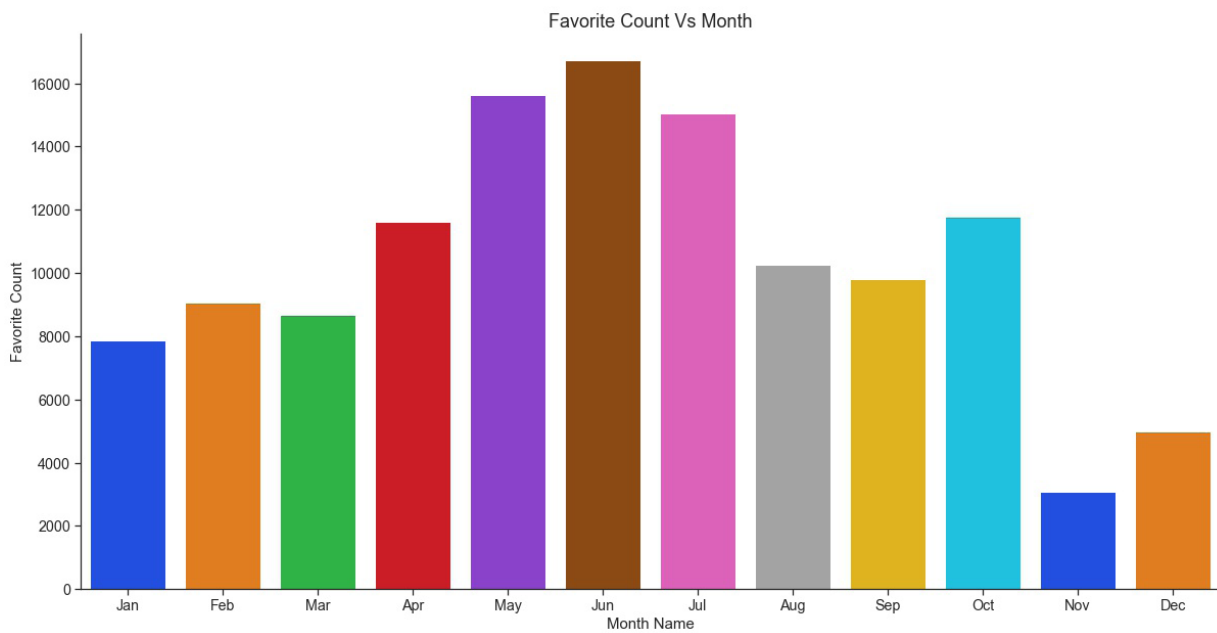
Here is the highest Tweeted dog swimming through the pool for a treat. The video is quite funny and addictive.



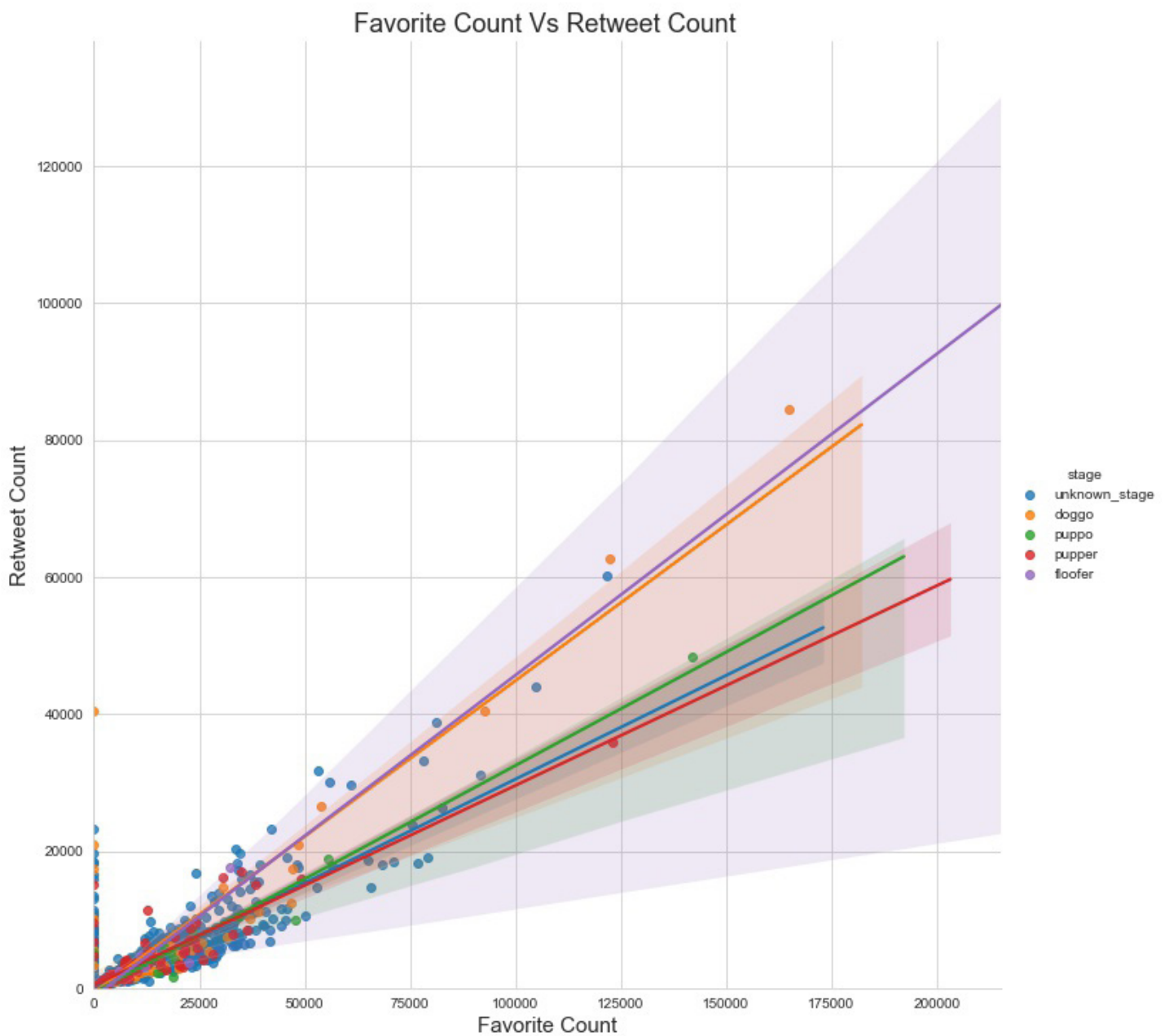
WeRateDogs™ | @dog_rates | 84,492 Retweets
Here's a doggo realizing you can stand in a pool
https://twitter.com/dog_rates/status/744234799360020481/video/1

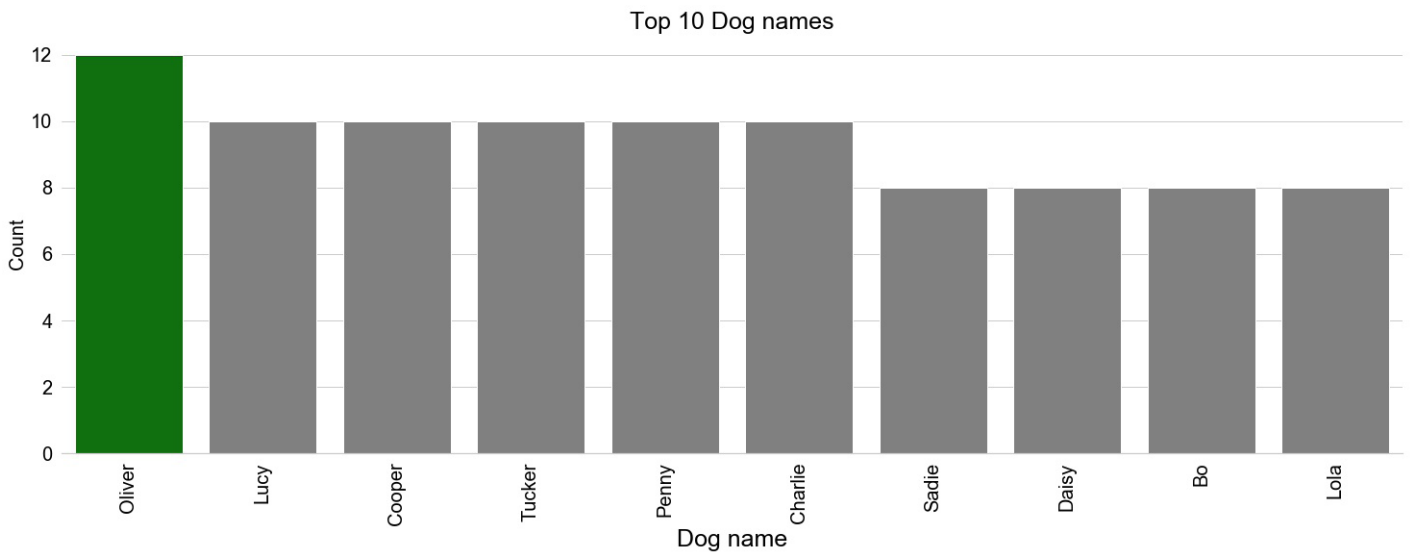


Next, it would be interesting to know at what time Twitter followers of WeRateDogs twitter account engage. Morning, 6 PM happens to be the favorite time. June month happens to have highest favorite tweet count.

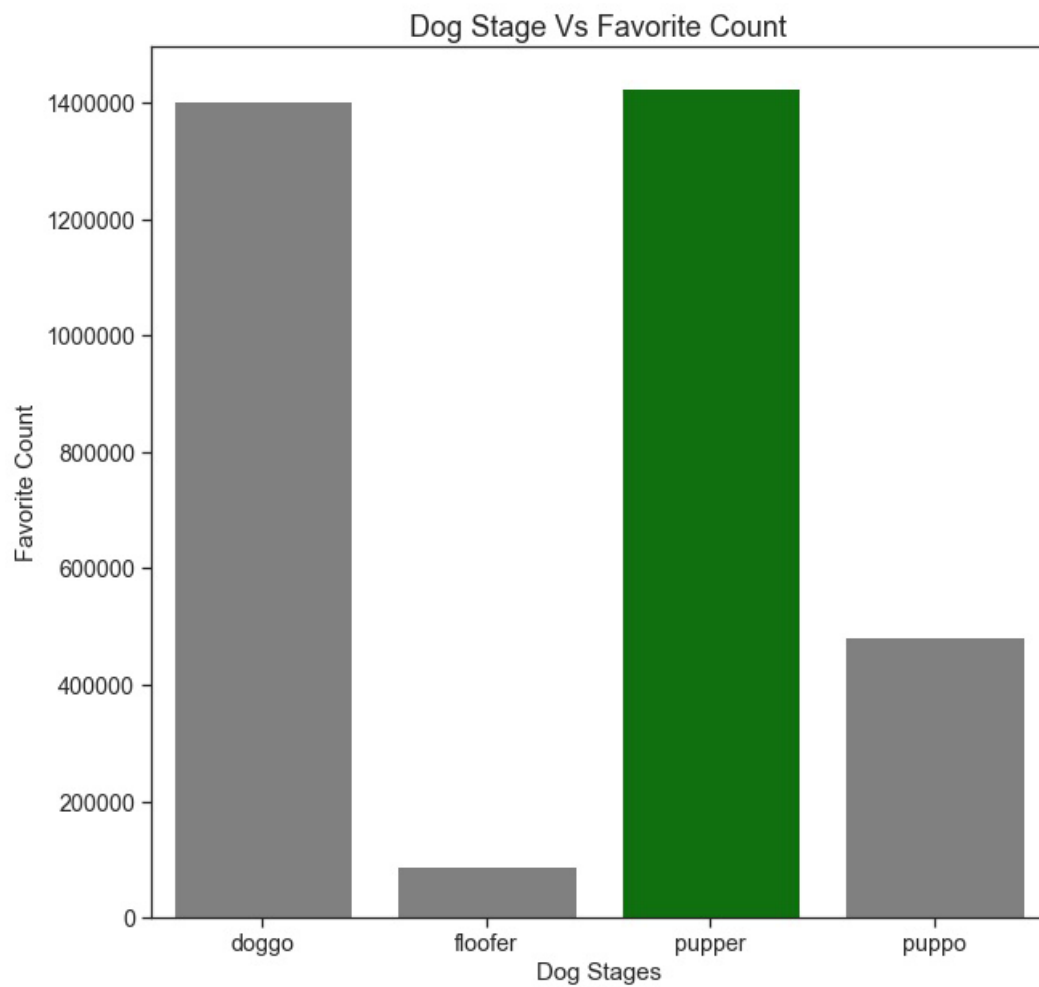


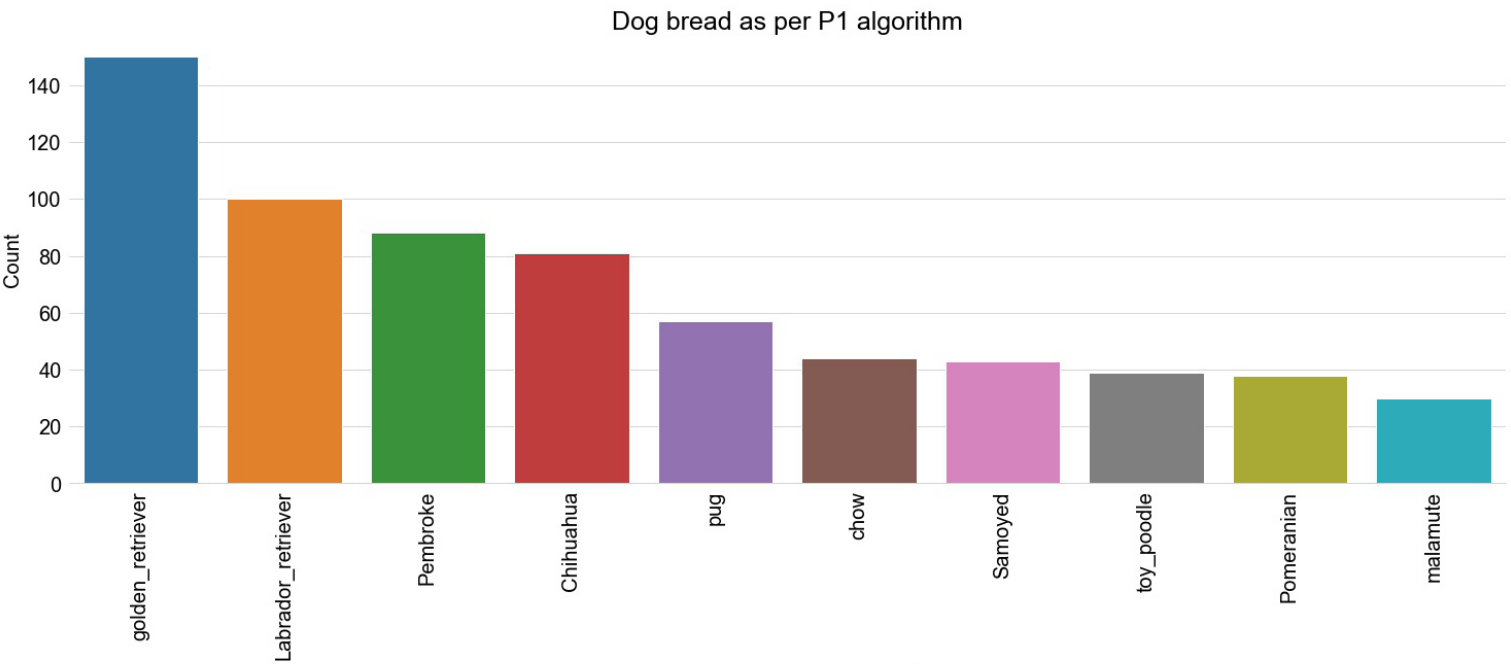
There is a strong correlation between 'favorite_count', and 'retweet_count'.
As 'favorite_count', increases for a dog so is the 'retweet_count' - this appears to be true for all dog stages.





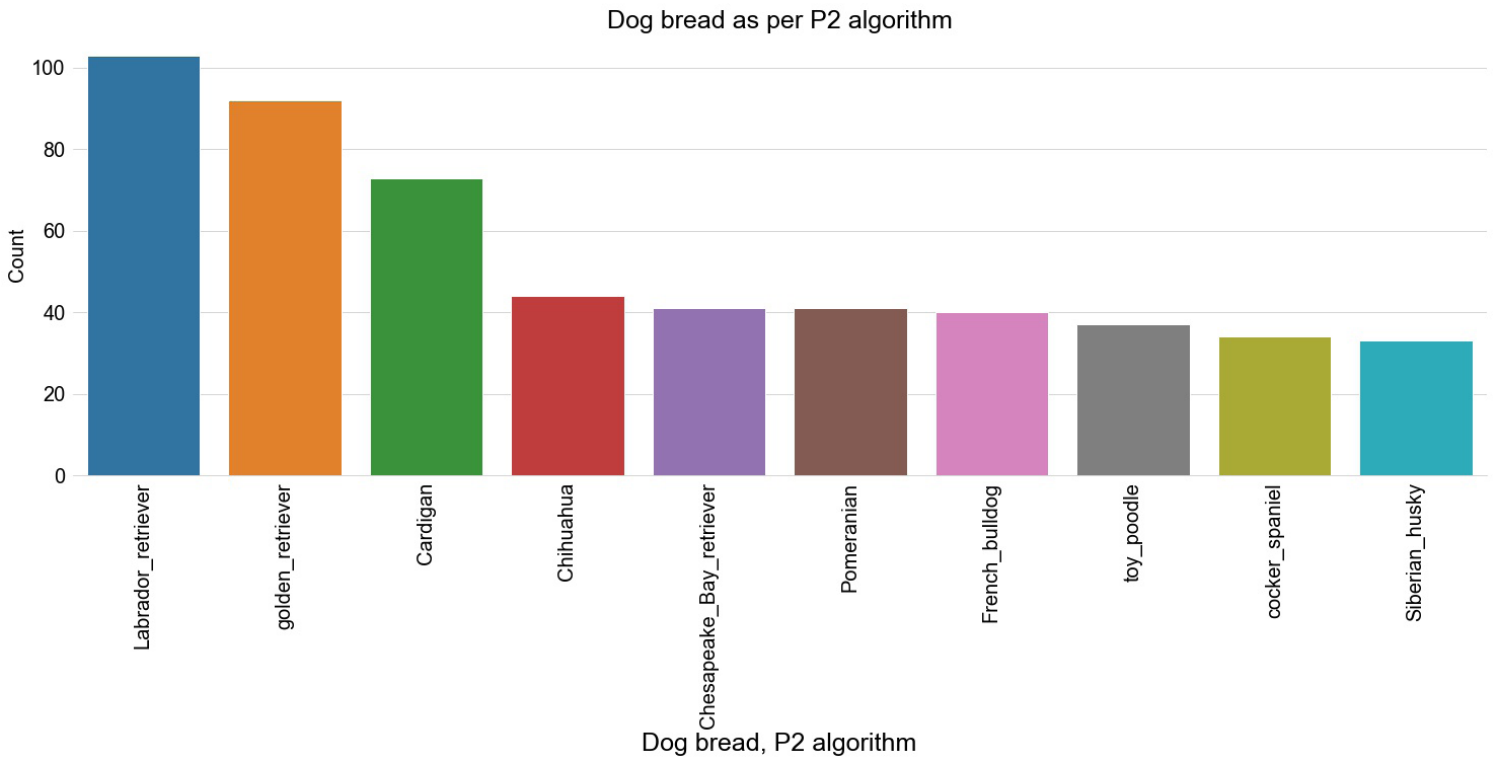
From the dataset, dog name Oliver appears to be the favorite name. Dog growth stage 'Pupper' has the highest count. who doesn't love pupperinos dog puppy?





Dog breed, P1 algorithm

Running dogs images through “neural network” which can classify breeds of dogs, algorithm P1 identified Golden retriever and algorithm P2 identified Labrador retriever.



Statistical analysis suggests that mean numerator rating of dogs are 12.28. The highest rating is 1776 which, goes to Atticus. Atticus highest rating is also augmented by retweet count and favorite count.

Statistical analysis

```
In [12]: df_master_twitter[['rating_numerator', 'rating_denominator', 'retweet_count', 'favorite_count']].describe()
```

Out[12]:

	rating_numerator	rating_denominator	retweet_count	favorite_count
count	2061.000000	2061.0	2061.000000	2061.000000
mean	12.281417	10.0	2835.273654	8465.239689
std	40.815693	0.0	4912.351279	12683.198650
min	1.000000	10.0	12.000000	0.000000
25%	10.000000	10.0	606.000000	1613.000000
50%	11.000000	10.0	1338.000000	3738.000000
75%	12.000000	10.0	3266.000000	10649.000000
max	1776.000000	10.0	84546.000000	164764.000000

Summary of Analysis:

- Morning 6 AM happens to be the favorite engagement time for Twitter followers of WeRateDogs twitter account. June month happens to favorite month - maybe because that's when summer holidays start.
- The highest rating of 1776 goes to Atticus. Atticus highest rating is also augmented by the highest retweet count and favorite count.
- "Oliver" is the favorite dog name.
- Dog stage 'pupper' has a highest favorite count.
- Algorithm P1 identified Golden retriever and algorithm P2 identified Labrador retriever as the highest breed count.

Reference:

- <https://www.npr.org/sections/alltechconsidered/2017/04/23/524514526/dogs-are-doggos-an-internet-language-built-around-love-for-the-puppers>
- <https://www.vox.com/2018/7/23/17603566/dog-rates-good-dogs-brent-brant-got-a-puppy-meme>
- <https://www.buzzfeed.com/tanyachen/bork-bork-bork>
- https://twitter.com/dog_rates/status/971075700043247616?lang=en



WeRateDogs™ @dog_rates · Sep 20

We only rate dogs. Please don't send in Large Bashful Walri. I don't know why this is so difficult. Thank you... 12/10



Hugo The Newfie

402 10K 88K

Reference: https://twitter.com/dog_rates/status/1042927905507033089