# An Analysis of 'WeRateDogs' Project
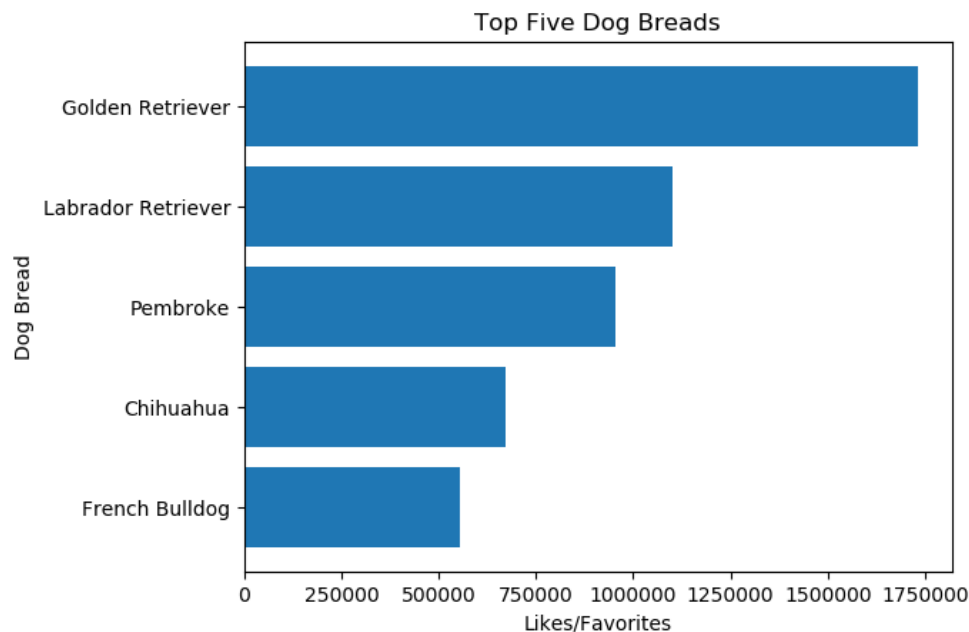
# "they're good dogs Brent"

**Author:** Omar Abdelaziz

**Date:** October 4, 2020

After the process of wrangling the data, I ended with a quite cleansed dataset which I can use to give my insights about the data and draw conclusions through visualizations.

What came through my mind when I first processed the data, was the following: What are the top five Dog Breeds that people loved the most? And they were the following Golden, Labrador from the Retriever Family, Pembroke, Chihuahua and in the fifth place was the French Bulldog.

Also, I found that the tweet with the most engagements of a Labrador Retriever Doggo has 76k retweets and 153k of that people like it. The dog has a rating of 13/10.

The tweet said:

"Here's a doggo realizing you can stand in a pool. 13/10 enlightened af (vid by Tina Conrad)"
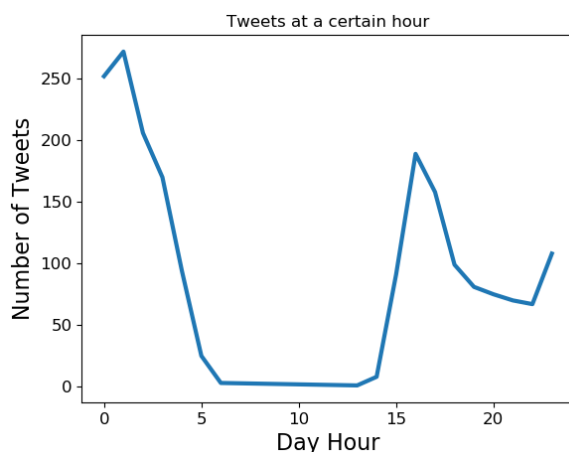


*Most Loved Dog*

Other insights I found is The Average rating of a dog is 12/10 and most of the dogs in tweets are named Cooper, Charlie and Oliver and Lucy.

The tweets posted from iPhone as the tweet source has a percentage of 98.1%.

Do WeRateDogs cares about time of tweeting so they can get the most reactions and engagements? I found that their
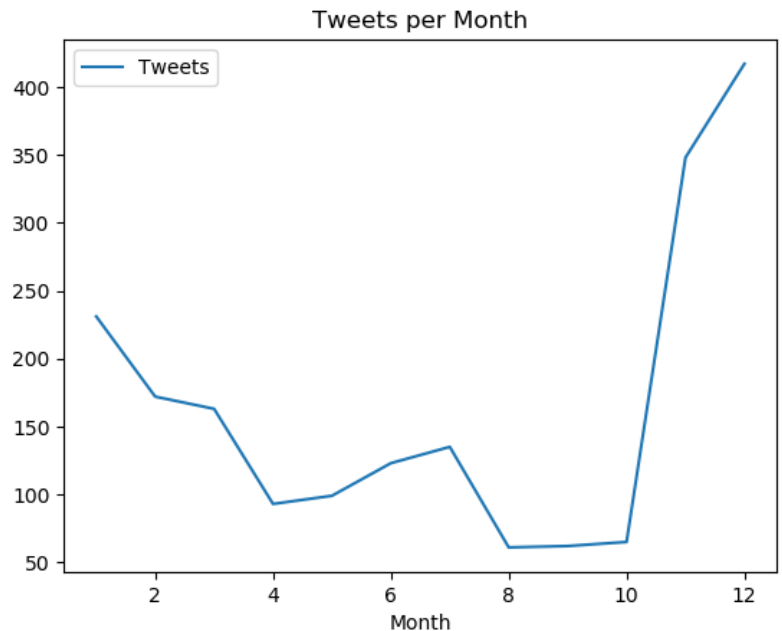


tweets are posted in the time interval between 00:00 AM to 04:00 AM then slow down, then tweet between 15:00 PM to 23:00 PM. That's why most of the tweet posted using iPhone after midnight!

Also, December has the most number of tweets through the years (2015, 2016), I think they prefer holiday days!

Some of the dog breads in the tweets of December are:

- Golden Retriever.
- Chihuahua.
- Pug.
- Toy Poodle.
- Pomeranian.



Tweets per Month

- Although the dog stages for most of the tweets are missing but from the rest that's available, we can see that Pupper has the most appearance. Also, there exists the case that for a dog to be in multiple stages.

```
In [96]: r_stage = df.groupby("dog_stage")['dog_stage'].agg([('dogs_per_stage', 'count')]).sort_values('dogs_per_stage',ascending = False)
         r_stage
```

Out[96]:

| dog_stage | dogs_per_stage |
|---|---|
| pupper | 203 |
| doggo | 62 |
| puppo | 22 |
| doggo, pupper | 9 |
| floofer | 7 |
| doggo, floofer | 1 |
| doggo, puppo | 1 |