

## Project 7 - Wrangle and Analyze Data

### Act report

#### Insight 1 - A huge spread in favorite count

```
count    1990.000000
mean     8647.136181
std      12691.949000
min       77.000000
25%      1857.000000
50%      3899.000000
75%     10771.000000
max     162815.000000
Name: favorite_count, dtype: float64
```

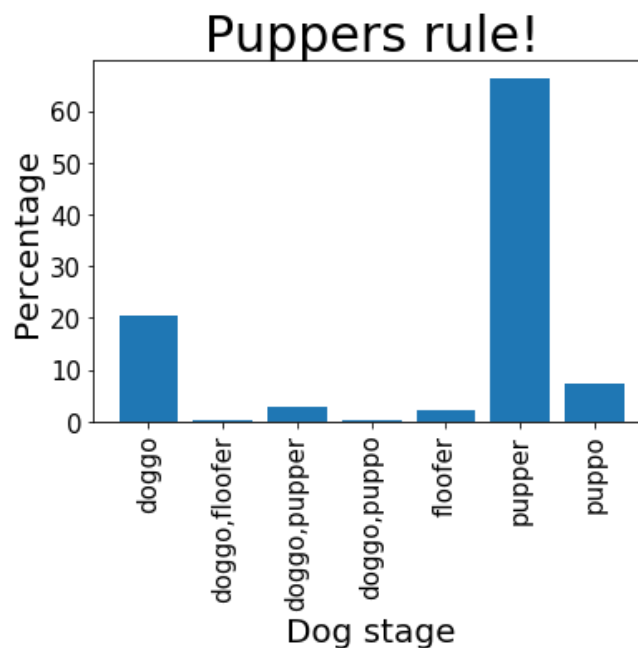
When analyzing the tweets from the perspective of favorites gained what strikes is not big, but a huge difference between the minimum and maximum values. The minimum is 77, but the maximum is at 160 000!. In the same time the mean is around 8600 and with the standard as high as 12.7k the distribution is strongly right-skewed. By looking at the 1st and 3rd quartile, it can be seen that 50% of analyzed tweets have at least 1.8k favorites, but less than 10.8k. I wish I had a photo that had 1k favorites...

## Insight 2 - Puppies rule!



**THIS IS GABE. HE WAS THE UNEQUIVOCAL EMBODIMENT OF A DREAM MEME, BUT ALSO ONE H\*CK OF A PUPPER. YOU WILL BE MISSED BY SO MANY. 14/10**

As it is in the case of fluffy, cute cats, WeRateDogs explores the second niche, for K9 lovers! If WeRateDogs were to create an army of dogs presented in their tweets, puppies (more commonly known as puppies, I think...) would be it's core!... Around 66% of tweets had a pupper mention in it. Of course pure talk can't prove anything, but the simple fact that people are sharing this information, means that people care. Sharing is caring...



**A BAR CHART SHOWING PERCENTAGE OF DOGS AT A CERTAIN STAGE THAT WERE POSTED IN THE WERATEDOGS TWEETS**

### Insight 3 - What's with the retrievers?



**This is Zeke. He performs group cheeky wink tutorials. Pawfect execution here. 12/10 would wink back**

I've no idea why, but Americans have a thing for Golden retrievers and Labs (labrador retrievers). Up until now, my knowledge was based solely on movies, tv drama, etc. But this... this must mean something! Out of 300+ unique objects identified in the tweet image by an artificial neural network, the golden retriever was a top tweeted champ with 150 tweets. The second place goes to the labrador retriever, the third to pembroke. Now, I know they're cute, but is it that irresistible? (Talk about being a cat person...)