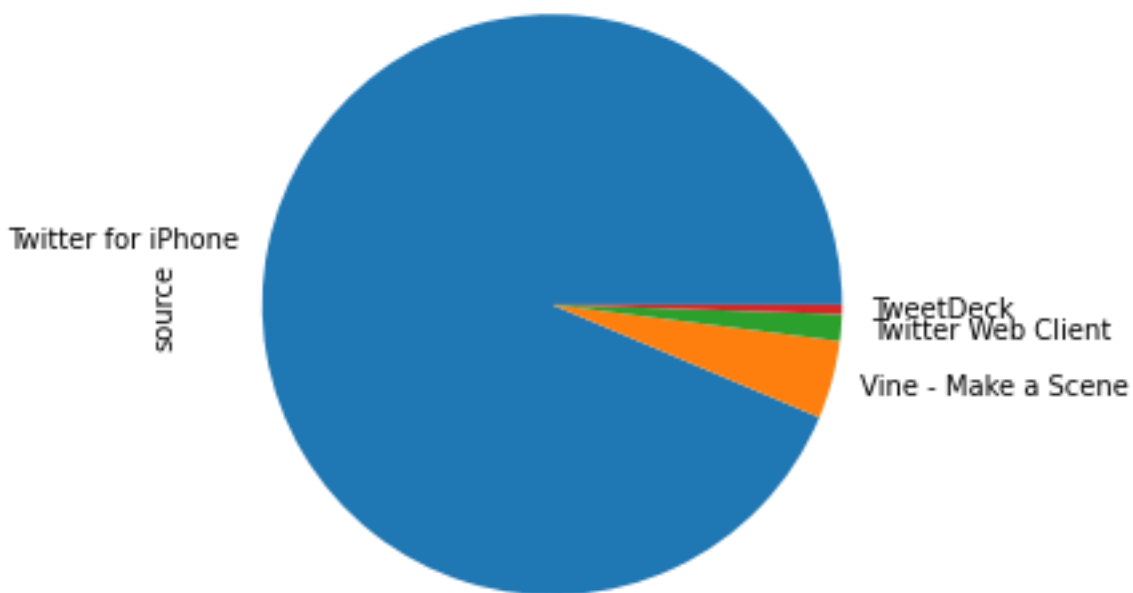


WeRateDogs is a Twitter account that rates dogs based on photos that were submitted to them. They are a large account with approximately 9.2m followers and they rate people's with humorous content about the dog. The ratings are almost always out of 10 with a larger numerator because "they're good dogs Brent."

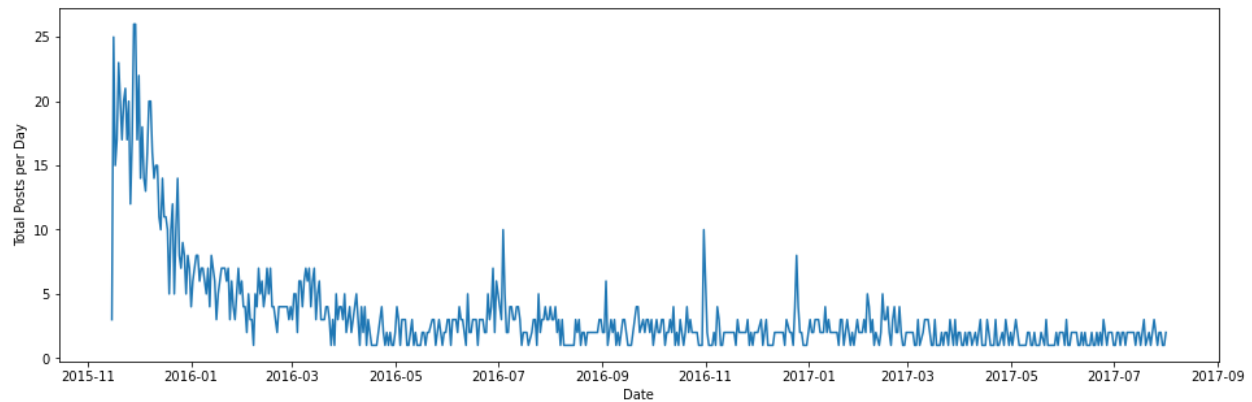
We pulled data from their Twitter archive and decided to take a closer look at their growth in popularity between 2015-2017. This is by no means a complete/in-depth look but it is interesting!

First up, what platform is most frequently used to post:



It looks most of the posts are done via their iPhones. That is not entirely too surprising as it is a fairly popular platform to post from.

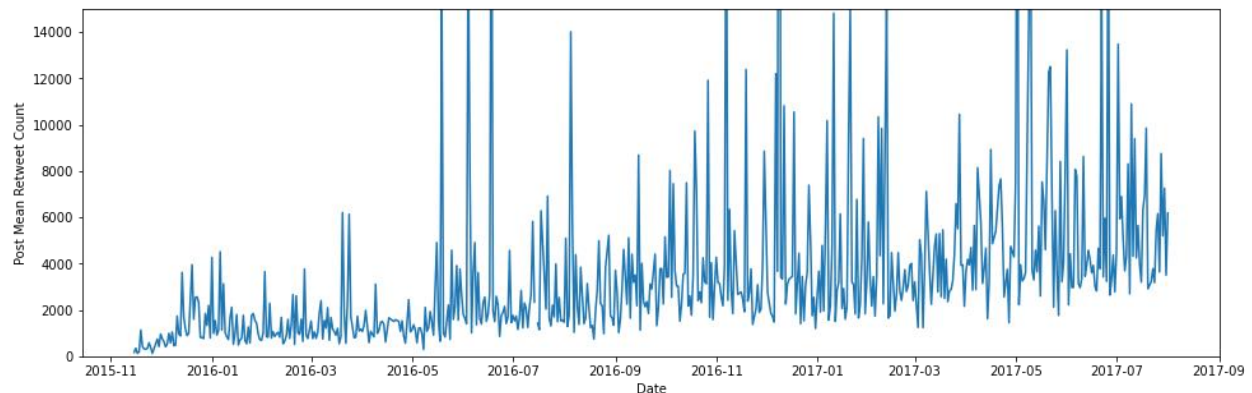
Moving on from how they post, let's take a look at their post frequency:



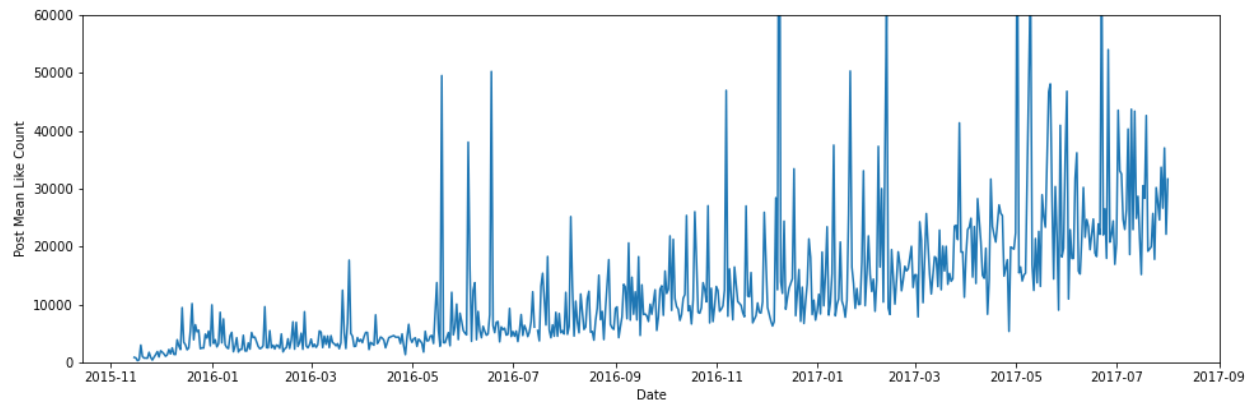
Above is the total posts per day from November 2015 until August 2017. It looks like at the beginning of the account, the account posted had quite a few posts per day. As time went on (& maybe increase in popularity), the number of posts per day seems to even out to  $\sim 4$ .

Do the total posts per day trend inversely with their popularity? There are two ways to measure popularity: post retweets and post likes.

First up, post retweets:



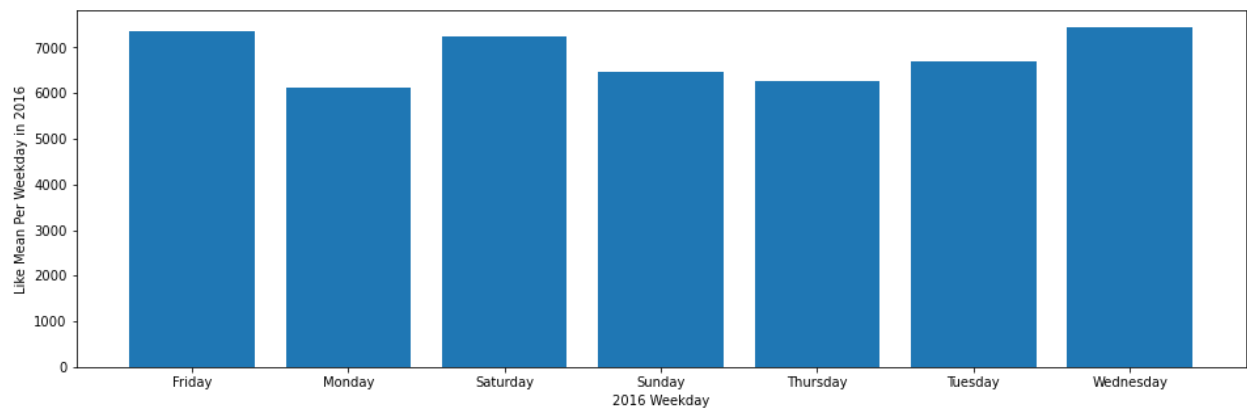
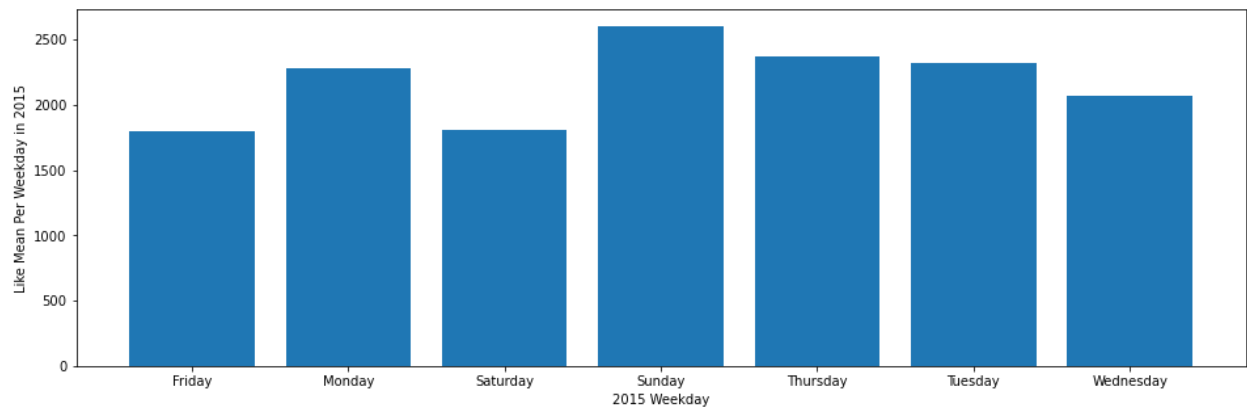
Above is the mean retweets per day and it is quite clear that the retweets starts to increase around 2016. Some posts are obviously more popular than others.

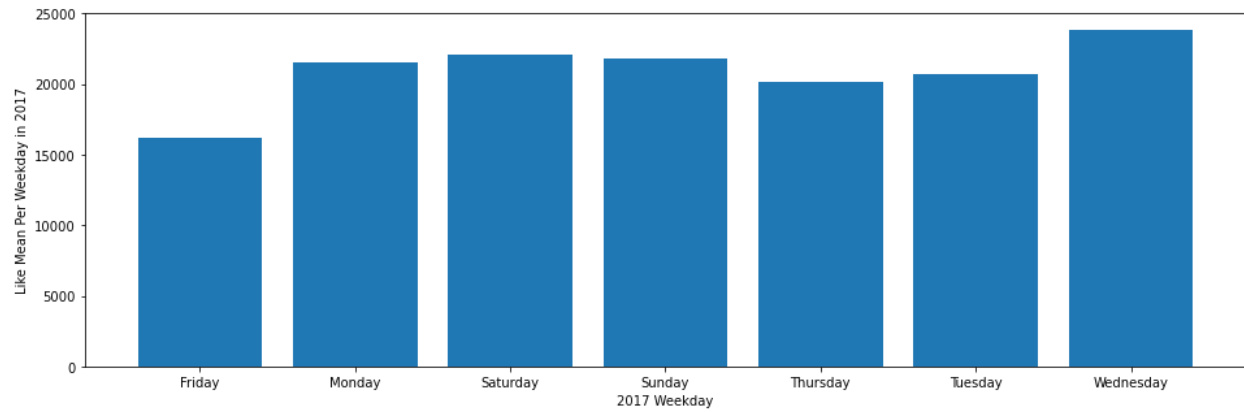


Above is the mean tweet likes per day. It is even more obvious that the amount of likes increases over time.

The swings in retweets and likes made me wonder if there is a time-based pattern to them. Do people tend to retweet or like posts more on certain days of the week than others?

Here are the retweet means broken down by year then day of the week:





The first thing I noticed is the scale change between 2015 to 2017. 2017 has a lot more retweets than 2015 (2500 to 25000)! Big change! The first two years seemed most equal between which days get the most popularity. In 2017, Fridays seemed to have the lowest amounts of retweets, maybe people are happy to be done with the week? Wednesdays have the highest and maybe needed a little pick up in the middle of the week.