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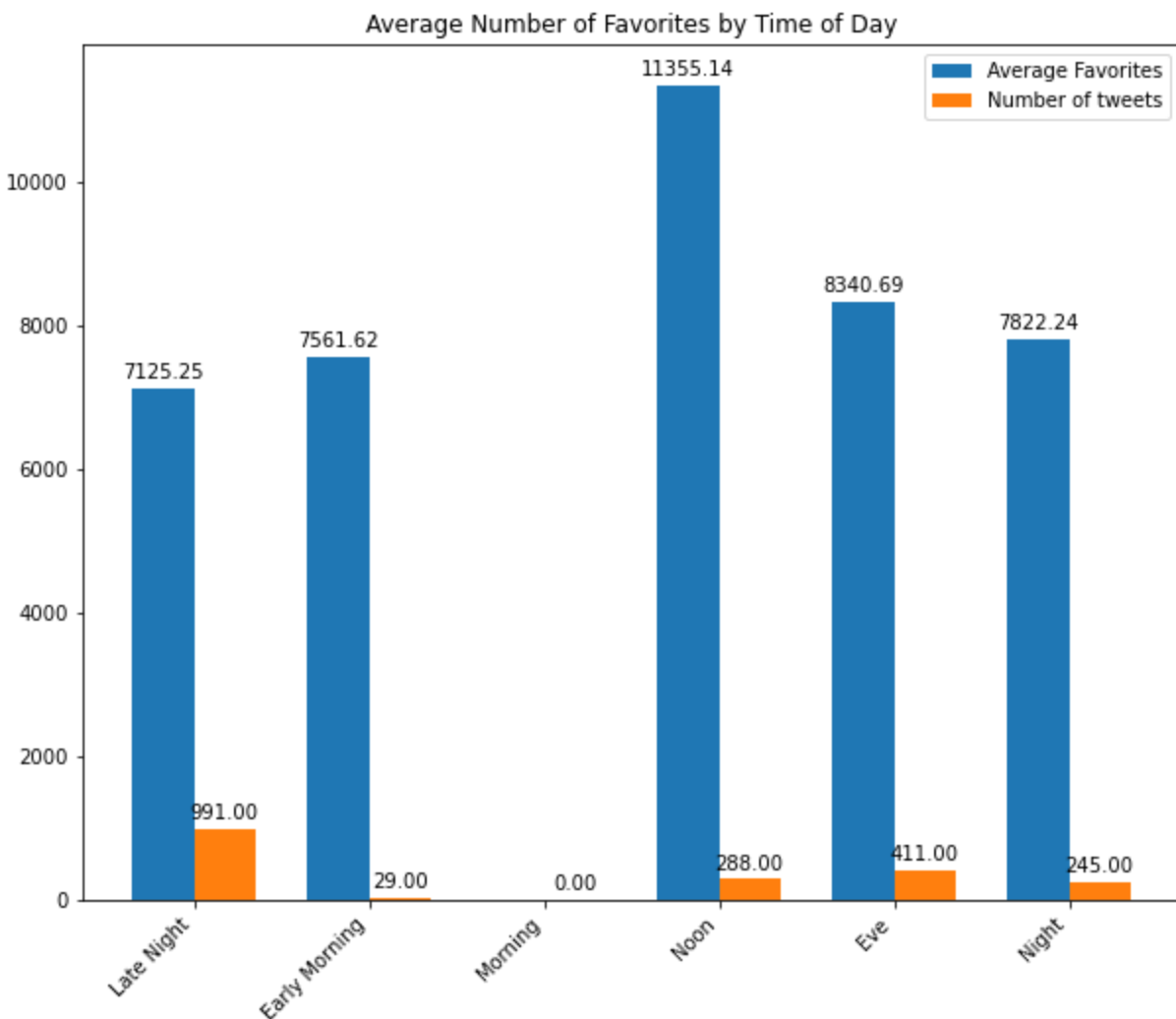
WeRateDogs analysis
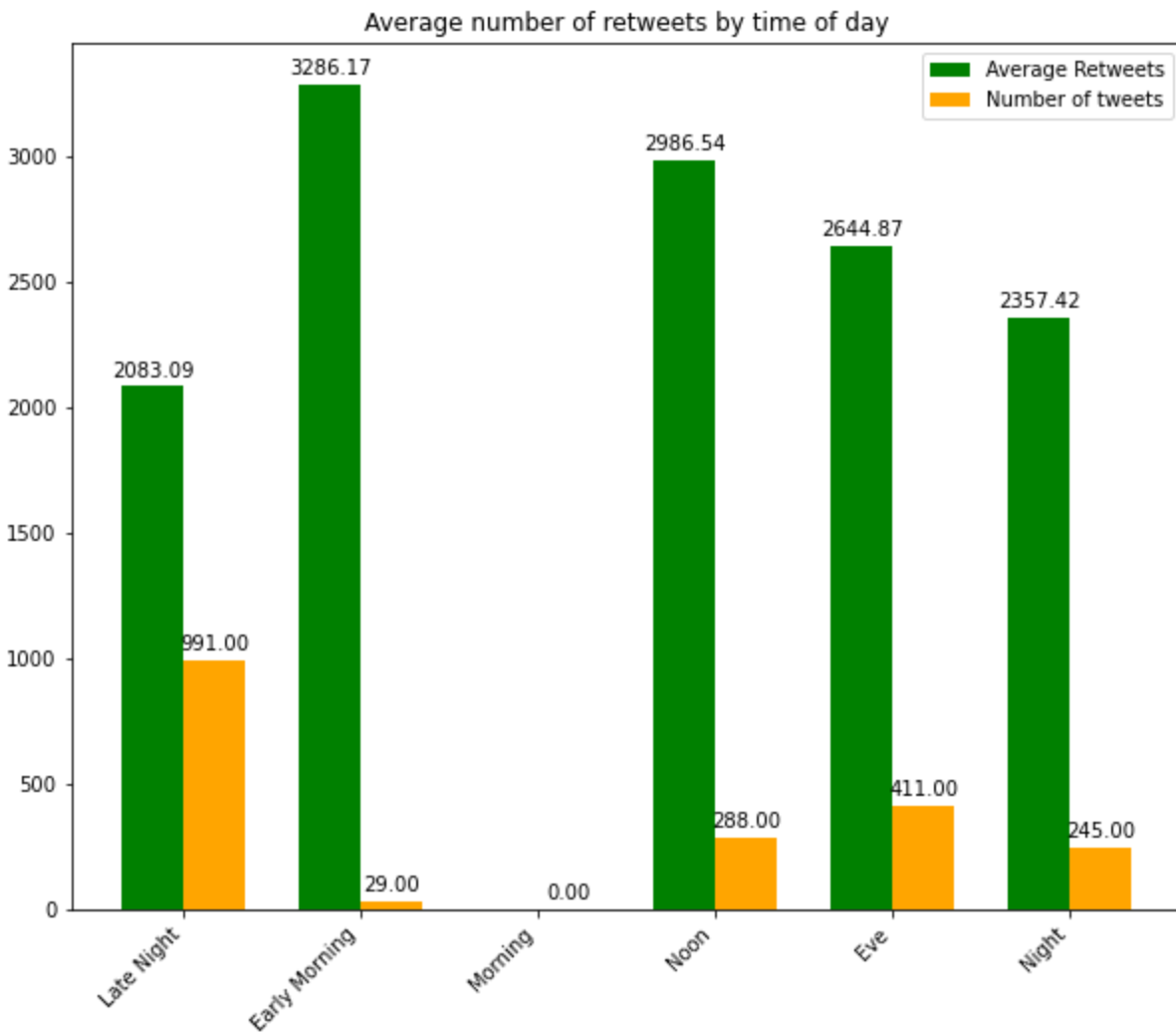
A preliminary look at what we can see from the doggo data

by Veris Pflueger-Prasarntree on January 28

Here we can see the average number of retweets and favorites each post gets depending on the time of day. This isn't causative by any means, but it's certainly an interesting look at how people interact with WeRateDogs' tweets. There's also one outcome that we didn't expect!

Average Number of Favorites by Time of Day

The first thing we see is that there are not any posts in the morning! I guess the person behind WeRateDogs spends the hours between 8 and 12 noon getting ready to look at dog pictures for the rest of the day. Posts from the hours of 12 PM to 4 PM seem on average to get the most favorites even though it's not a terribly busy time for the account, which posts the most late at night.

Now when we look at the average number of retweets in each period of the day, we see something similar where the distribution between each time frame isn't too varied but one time frame does stand out over the others.

Early morning posts are the ones that have more retweets on average though oddly enough there are the fewest tweets from that time.

Of course, it doesn't mean that something about early morning posts earns more retweets or noon posts that get more favorites, that all has to do with the behavior of users.

Can a specific dog type bring you more retweets/favorites?

by Veris Pflueger-Prasarntree on January 31

In looking at the WeRateDogs twitter data and predictions of dog types, it leads us to wonder if there's a way to determine whether certain dog breeds can get you more retweets and favorite clicks. We have the numbers of retweets and favorites, good numerical data, and predictions for the dog breeds, solid categorical data.

The most classic "correlation" measure between a nominal and an interval ("numeric") variable is Eta, also called correlation ratio. The ratio is a number between zero and one with one being a complete correlation.

When we look at the dog breeds and their respective retweet counts though, we see a correlation ratio of .051. Which is pretty much zero! It doesn't look like breed matters much for a retweet count at all!

Similarly, the correlation of dog breeds and their respective favorite counts is only nominally better at .071, but which is still pretty much zero.

Sorry but it doesn't seem like you can use any breed of dog to get the most favorites or retweets!

Most Favorite Dogs and Most Retweeted Dogs

by Veris Pflueger-Prasarntree on February 29

We looked at the top ten favorited and retweeted dog breeds from the WeRateDogs' Twitter account. On average, the top 3 most favorited dogs were Salukis, French Bulldogs, Afghan Hounds. See the list below to see if your dog would make the top 10!

1. Saluki
2. French Bulldog
3. Afghan Hound
4. Giant Schnauzer
5. Black-And-Tan Coonhound
6. Flat-Coated Retriever
7. Irish Water Spaniel
8. Standard Poodle
9. English Springer
10. Cardigan

On average, the top 3 most retweeted dogs were Standard Poodles, English Springs, and Afghan Hounds.

1. Standard Poodle
2. English Springer
3. Afghan Hound
4. Eskimo Dog
5. Saluki
6. Giant Schnauzer
7. French Bulldog
8. Lakeland Terrier
9. Great Pyrenees
10. Flat-Coated Retriever

Congrats to Salukis, Afghan Hounds, Standard Poodles, Giant Schnauzers, Flat-coated Retrievers, French Bulldogs, and English Springers for being on both lists!