

Visualization and Analysis

if you love dog, surely you heard about “WeRateDogs”. WeRateDogs is one of famous pages on twitter that rates people’s dogs with funny comments , the dominator rate is 10, but the nominator is always greater than 10 ,why? Because “they’re good dogs Brent”.

This article goes through two parts, **First** know some interesting information about the page like :

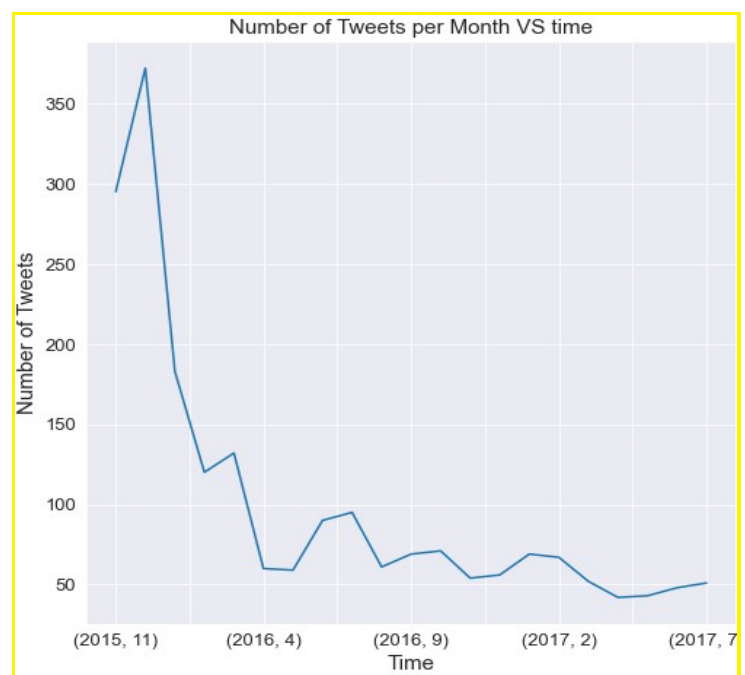
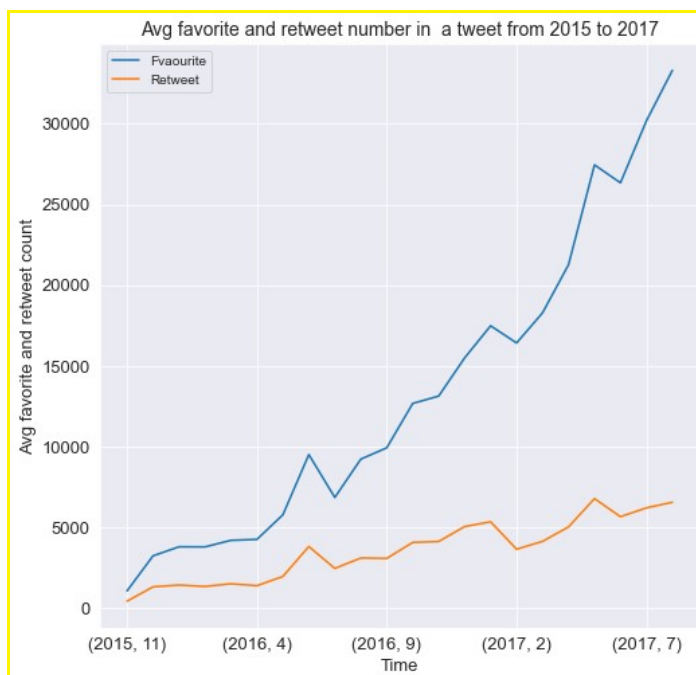
- How are favourite and retweet counts they get on their tweets increasing by time ?
- Are they post more now ?
- When are they most active during the day ?
- What is the best time to create a tweet about your dog in their page ?

Second analyse the dogs they are rating like :

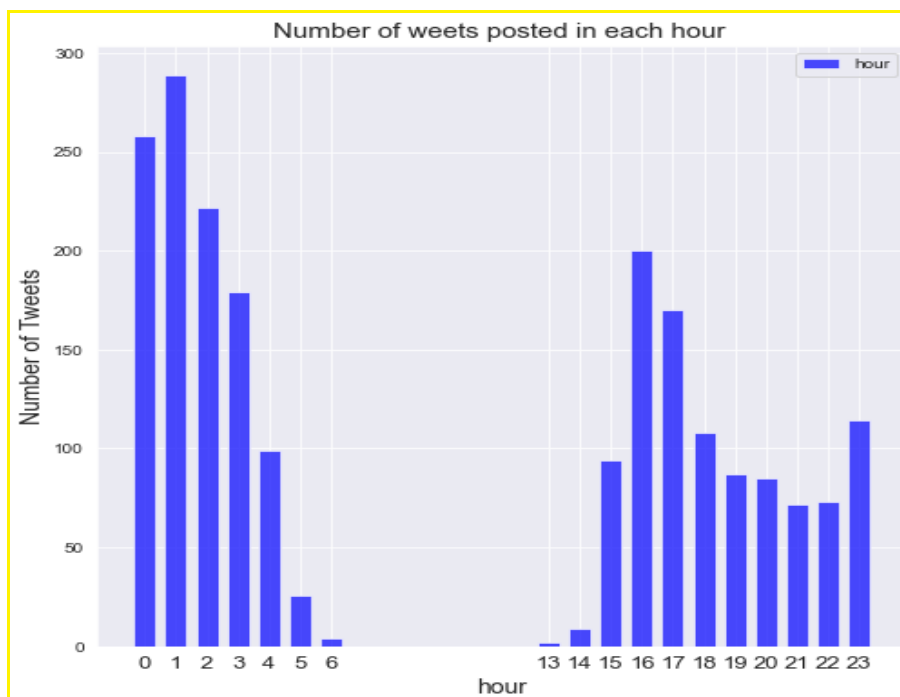
- what are the most 12 Dog’s breeds they tweeted about ?
- What are the highest 12 Breeds of dog got favourite and retweet counts ?
- What is the Top 10 names people use for their dogs ?
- Is the stage of dog can effect favourite, or retweet counts ?

Part one :

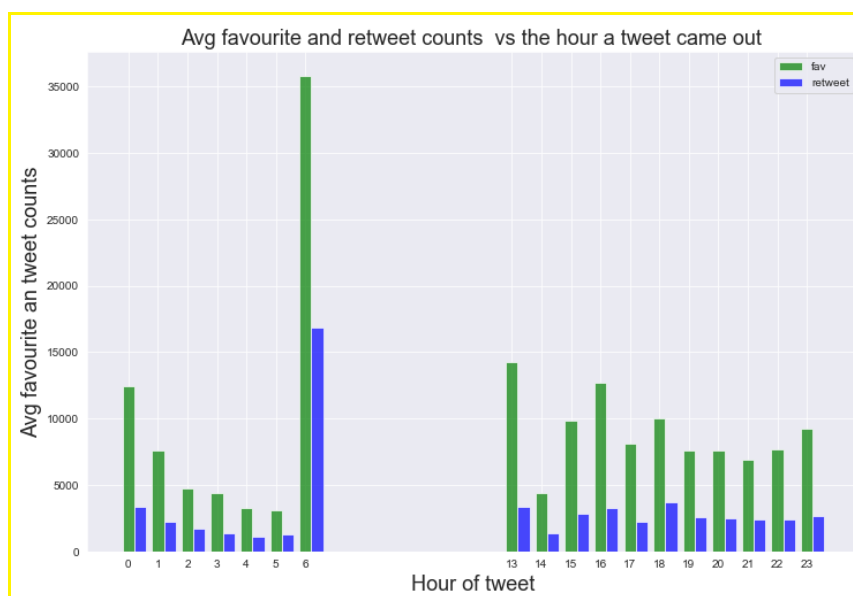
The following 2 figures show how “WeRateDogs” gain its popularity so fast,even though the number of posts per month decreased rapidly after only 3 months to be from 50 to 100 tweets, people engagement increased in a very rapid curve through more favourite and retweet numbers, and that’s a strong evidence of how people really like their content .



So when are they most active during the day ,and is there a certain hour they don't post in ?. The following figure answers these questions and shows total number of tweets they post in each hour ,also shows that they don't post from 7 to 12, and they are most active from 0 to 3 and from 16 to 18



but what if i need to create a tweet in their page to rate my dog what is the best time for that ? Some people may think after seeing the above figure the best time is when they are most active, but the following plot telling the opposite , the best two hours is when they are least active , and may be the reason for that, they don't tweet after 6:00 so the recent tweets take enough time to get favourites and tweets without being lost with others , and in 13:00 people miss their tweet so when they begin to post people rush to react on them



Part two :

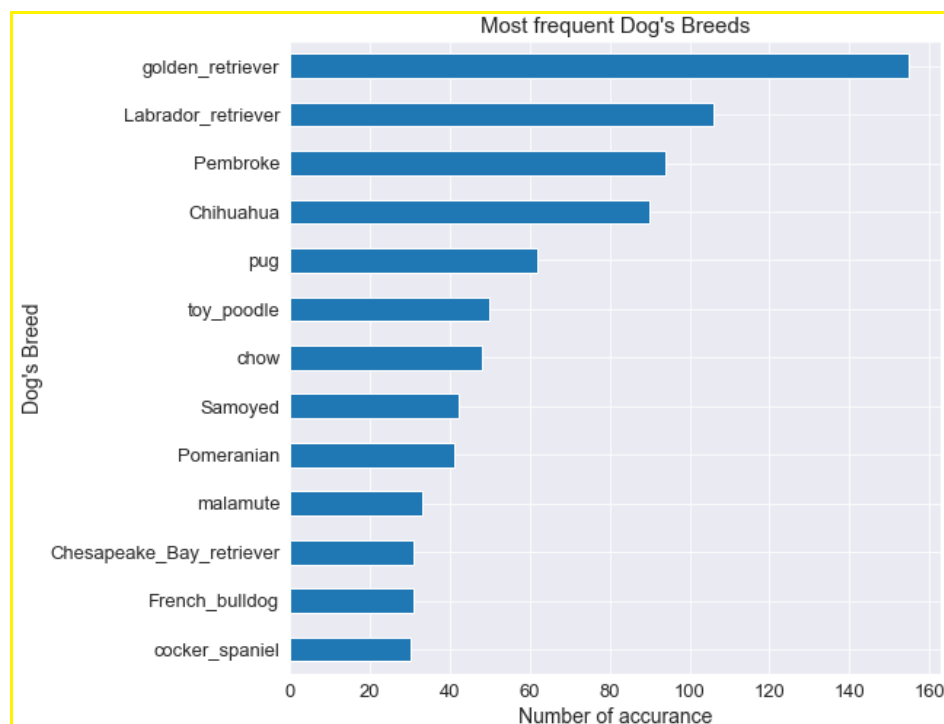
2-1 What are the most Top 10 names people use for their dogs ?

If Anyone buys a new dog definitely he will want to give it a name ,so is there certain names people tend to use to name their dogs ?, thorough more than 2000 tweets , a list of top 10 names has been gathered with the number of time the names has been repeated . Here is the list :

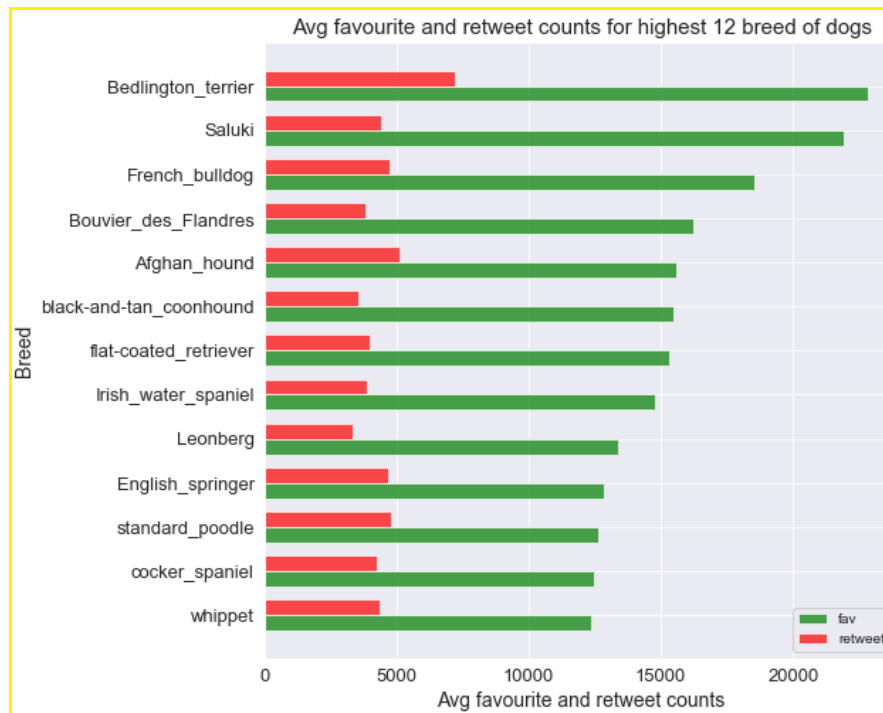
Name	Number of time the name reapeted in tweets
Charlie	11
Cooper	10
Oliver	10
Penny	9
tucker	9
Lola	8
winston	8
Sadie	8
Diasy	7
Toby	7

2-2 what are the most 12 Dog's breeds they tweeted about ?

With more than 1600 tweets during 2015-2017 we found more than 113 dog's breed, some of them was very rare and have very few tweets, others was so popular and many people loved to owend those, the following plot showing the most 12 Breeds “WeRateDogs” tweeted on and number of times they has been appeared



2-3 what are the highest 12 Breeds of dog got favourite and retweet counts ?



2-4 Is the stage of a dog can effect favourite, or retweet that the tweet receive ?

Is the same dog can get different numbers of favourite and retweet in his different stages, next plot shows that the dog in “puppo” stage tends to receive more favourite, and retweets than other stages

