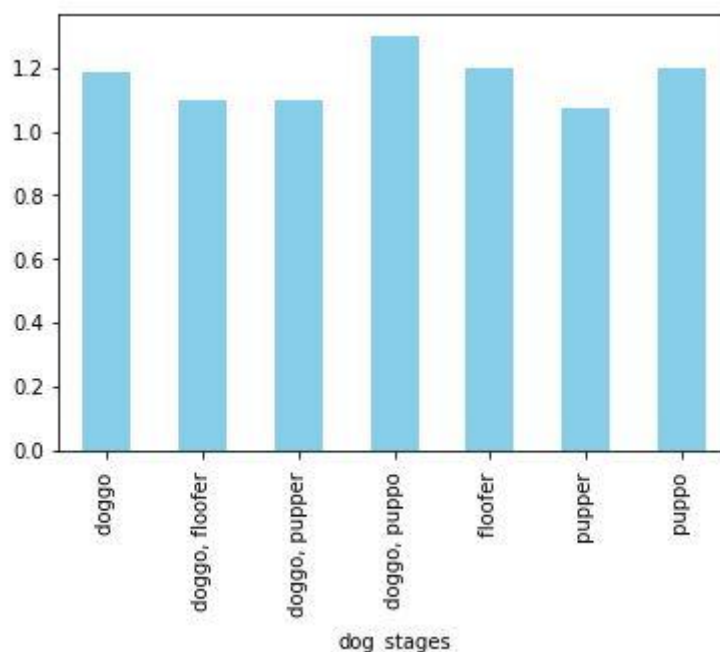


Yeah, Hi guys! Are you here? We have dived into wrangling process and have done a lot of job so far. You might think It must be very exhausting job to try it myself. Or Maybe you wondering, Why is it so important to us?! And instead what about taking more pictures and posting it to twitter, It might be more useful! Probably, you are right! But when you try it, you realise where is the magic happens! Yeah, so far we have done many many tasks in the wrangling step may be you don't understand most of them. And Sometimes you can't catch up some actions we have done. Maybe you have got some questions on your mind? Why we have changed some datatypes? Why we have dropped some columns? or Something else is blowing on your mind. It is all about datatypes and data quality or data tidiness issues. To work with data we need clean data as much as possible to make right decisions. Right decisions? When I posting my dogs picture on twitter? What does it matter? Ok, you are probably right when you posting your dogs picture on twitter. It doesn't matter wheather people favorite your dog or not. Because you like it. You don't need anything else. But consider you are an market related person, and you need to know which product you must deliver for people to get more profit and more clients like getting more favourite on twitter. When you are on the situation like this, you must know how to work with data, datatypes and how to manipulate it or how to gather, assess or clean it. At this time, WeRateDogs comes handy for practising and developing some skills. So, let's continue our investigation with the new cleaned data and see what happens at the end.

Analyzing

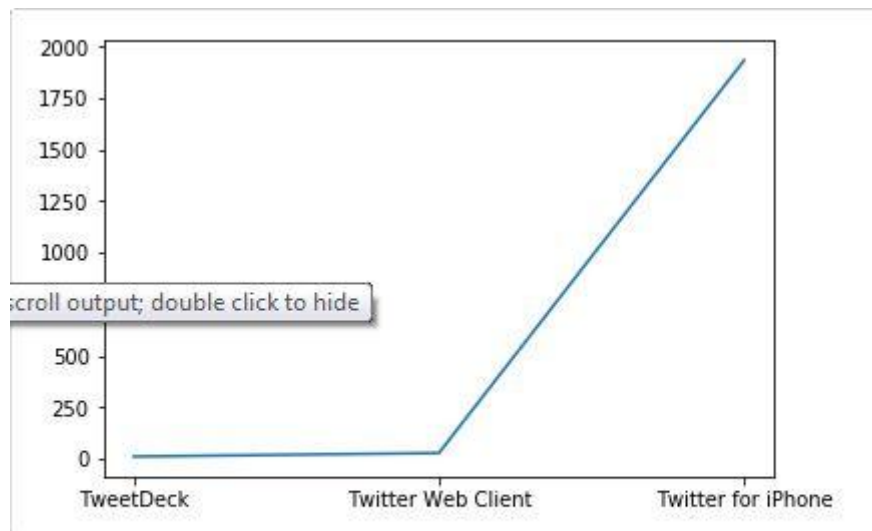
- let's dive into more interesting steps, what about doing some investigations and making some visuals about the data.

So, the first question is that Is there any key points related to dog_stages and their rating?. Let's see it.



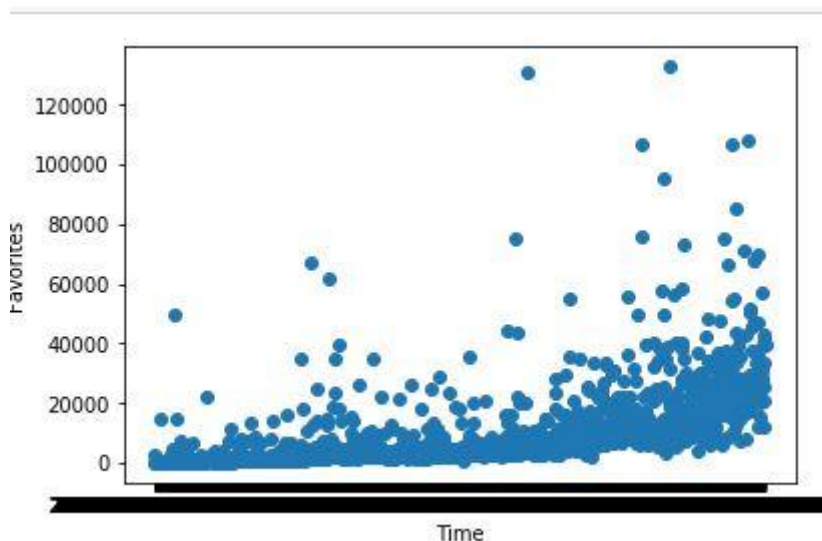
It looks like there isn't much difference related to the rating according to stages.

Which source of twitter is commonly in use?



it looks like Twitter for iPhone is the most common among the users

Is there any relationship between time and favorite counts?



Yeah day by day favorite counts moving upwards

So, what about our dogs, how we rate them to be fair?

Well, guys! For rating dogs fairly, we must understand the terms used in dataset and can cope with them correctly. You have seen the dataset includes a lot of information and also several columns. If we use the information and columns effectively for rating our dogs, we can say 'we have been fair!'. Fair rating also very useful in the real world, because you can't be lead to wrong decisions and will get profit from that.

So, let's understand a few concepts about our dataframe, what does retweet and favorite mean?

- **favorite** : it means that someone agrees with your content
- **retweet** : it means that someone agrees strongly with your content and share this content with its followers

let's try to identify which content is strongly agreed with others too, for this we have done some job and identified our winner here its. Concrats!



WeRateDogs®

@dog_rates



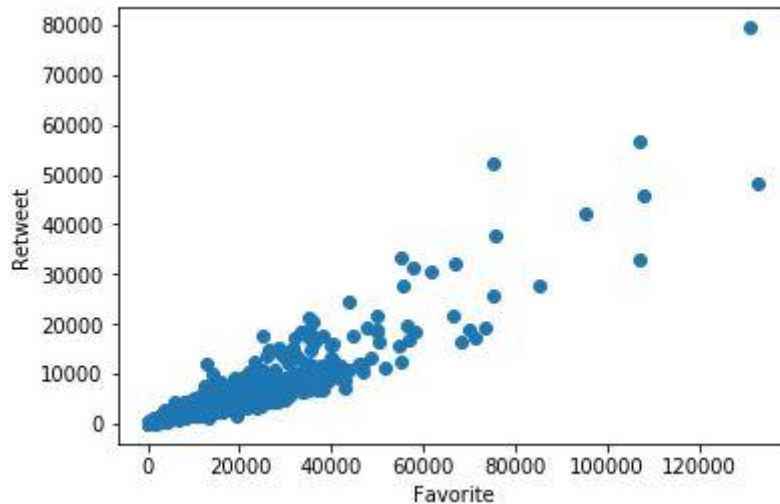
Here's a super supportive puppo participating in the Toronto [#WomensMarch](#) today. 13/10



 Maire Jones

11:26 PM · Jan 21, 2017 · [Twitter for iPhone](#)

Then we tried to find correlation between favorites and retweets, then we find out that graphic



It looks like Favorite and Retweet counts has strong positive correlation. That means, If your comment get more favourites there is a chance for it to be retweeted.

Conclusion

Ok, guys! We are at the end of our journey to WeRateDogs dataset. I think you also had fun with this and learnt something useful. If so, I am happy with that. So, Let's start from the beginning. We have got a lot of raw data with different issues. And we need to solve these issues. I think we were able to handle them and prepared more clean data for our analysis. Then we made some insight on the dataset and find out some facts about them. Now, we can make some conclusions using them.

So, let's share our findings about the data. We can say

- if your comment about your dog gets more favorite and retweet counts then it is more likely your dog's popularity increases
- for every one unit increase in favorite counts there is 35 percent of its retweeting.
- day by day it looks like tweets getting much attention