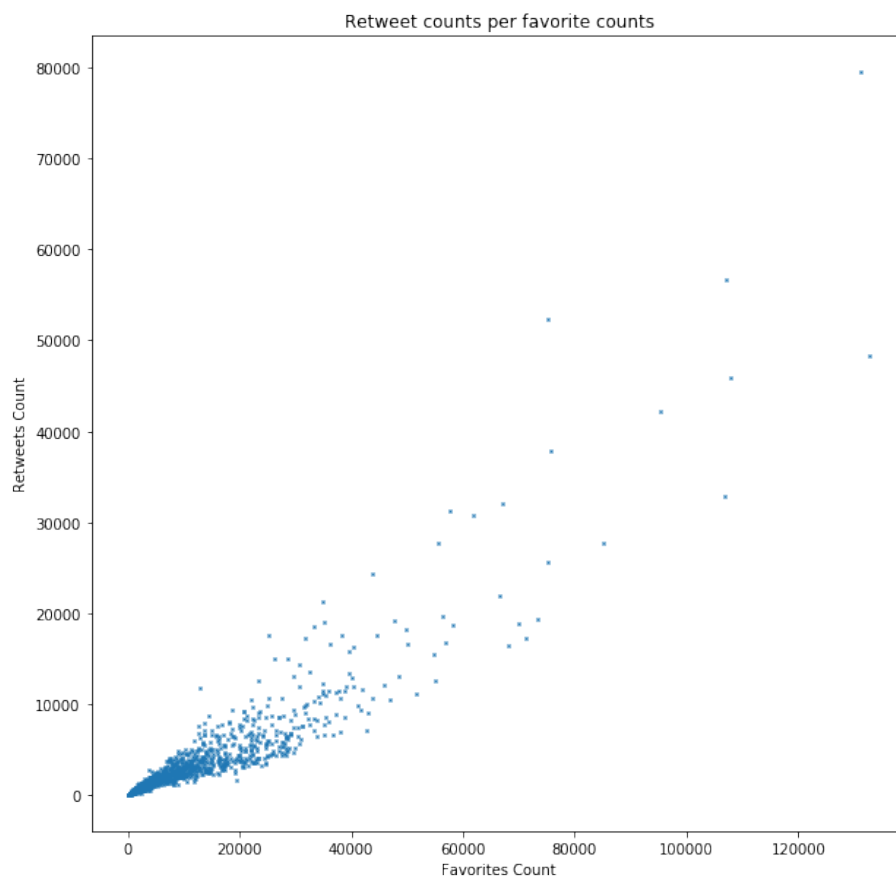


## External Document – DATA ANALYSIS ON TWEETS ABOUT DOGS REVEALS ALL!

A recent study using data analysis found new information relating to tweets about dogs. The study looked at how commonly dog breeds appeared in tweets, whether retweets and favorites increase together, and some strange goings ons with numerators and denominators for the ratings.

It appears that twitter users most commonly tweeted about golden retrievers and Labrador dogs in their tweets, with the golden retriever being much more common than the Labrador. The golden retriever was in the lead by quite a margin, almost 50% more common than the Labrador. Many dog breeds were tied for last place, with 8 different breeds only being tweeted about a single time each.

Favorites and retweets both increased together, so that as favorites increased retweets increased as well. The curve appear to possibly be geometric, with retweets increasing more rapidly as favorites increased. While the reasons for this are currently not apparent, it is certainly a place for future studies to look at. It does however make sense that both would general increase together, as people would tend to retweet tweets that they would mark as favorite as well, as both indicate liking the tweet.



Finally, lets get into the ratings of the dogs! There was an interesting piece of information noted by the researchers relating to the ratings, specifically the numerators tended to be greater than the denominators on average for some reason. While this would typically be impossible as it means that a higher rating than the maximum value was given (such as 11/10), it may make sense on twitter in reference to dogs. This may be due to people liking dogs so much that they prefer to give them more than maximum ratings on a regular basis!