

Data wrangling Analysis & visualization using Twitter API for WeRateDogs Dataset

Introduction: We've no doubt heard of We Rate Dogs by now. Either you follow the account on Twitter, or you've read about the "They're good dogs Brent" story, which took the Internet by storm in 2016. In case you didn't WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. It was started in 2015 by college student Matt Nelson, and has received international media coverage both for its popularity and for the attention drawn to social media copyright law when it was suspended by Twitter. Over the course of two years, creator and curator Matt Nelson has built an empire out of being the internet's go-to dog-rater. Nelson bestows rarely high ratings — on a 1-to-10 scale, almost all of his ratings are higher than 10 — on user-submitted pups, along with witty, ironic captions that are cute, hilarious, and relatable all at once. WeRateDogs started from humble beginnings — he claims the idea was hatched at an Applebee's in 2015 — and became an instant success. As of December 2017, the Twitter account has nearly 4.56 million followers. WeRateDogs downloaded their Twitter archive and sent it to Udacity via email exclusively for us. Additional gathering, then assessing and cleaning was required to present this analyses and visualizations.

Analysis: with respect to the various observations performed we have taken 3 of them they are as follows .

1. Most favourite Dog: As from the collected observations and the analysis performed the dog picture got highest favorites and found to be this dog

https://twitter.com/dog_rates/status/822872901745569793 from my analysis.



WeRateDogs™

@dog_rates

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



2. Most Retweeted Dog Picture / Video: As i was analyzing on twitter(twitter is all about tweets and retweets), i wanted to know which photo/video of dog had highest retweets and found to be this dog https://twitter.com/dog_rates/status/744234799360020481.



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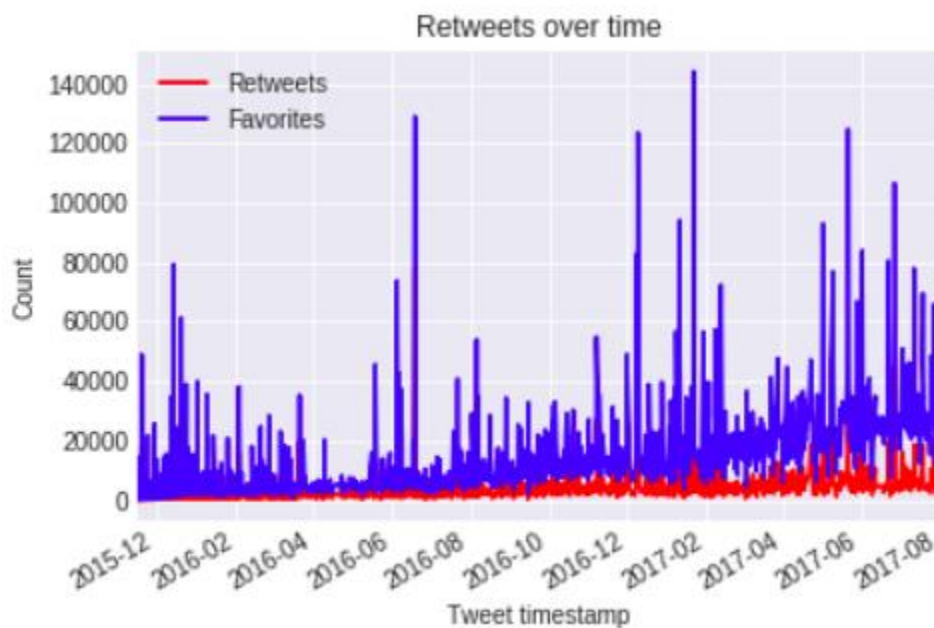
Here's a doggo realizing you can stand in a pool. 13/10 enlightened af (vid by Tina Conrad)



3. Lowest retweeted Dog Picture: And also from the analysis and visualization, I wanted to know which photo/video had a lowest retweet and found to be this dog with its puppies. Though they are cute extra analysis is needed to know exact reason why the photo got lowest retweets.



4. Retweets and Favorite over time:



In this analysis I compared retweet and favorite overtime. The trend looks to be increasing over time. We can also notice that People tend to like than retweeting from the graph.