

Act Report

22 OCT 2018

Twitter_archive_clean is used in the analysis and visualization. The Key information include rating_ratio, favorites ,retweets, stage and timestamp.

Description:

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	rating_ratio	favorites	retweets
count	1912.000000	1912.000000	1912.000000
mean	1.058734	8892.532427	2711.259937
std	0.204878	13027.079563	4833.937748
min	0.300000	80.000000	12.000000
25%	1.000000	1909.250000	597.750000
50%	1.100000	3944.000000	1286.500000
75%	1.200000	11111.000000	3092.250000
max	1.400000	165062.000000	84376.000000

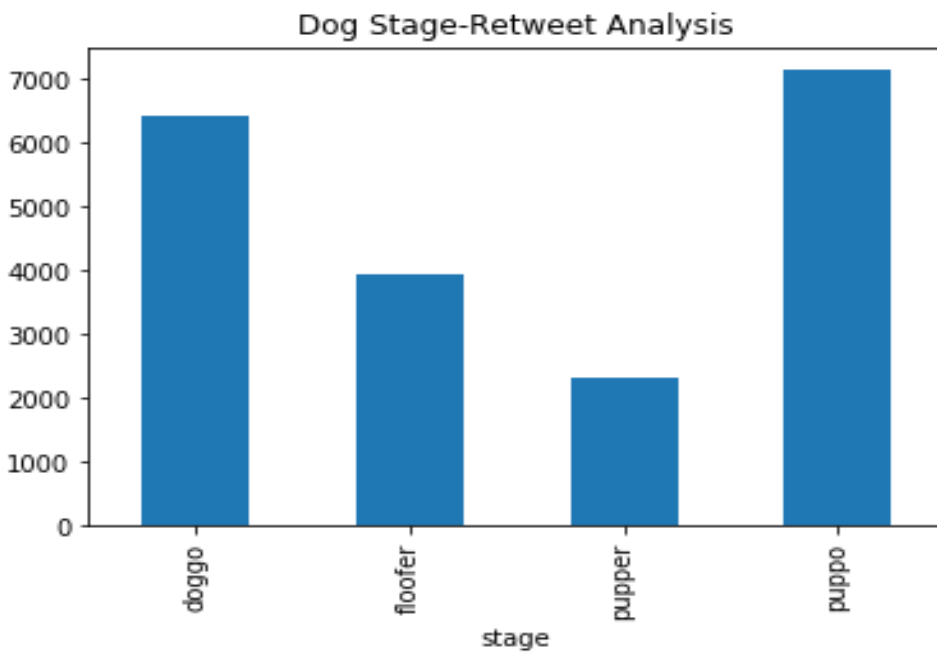
Average rating_ratio is 1.05 and maximum is observed around 1.4.Average favorites is found to be 8892 and maximum favorites is found to be 165062.Average retweets is found to be 2711 and maximum retweets is found to be 84376 .

ANALYSIS AND VISUALISATION

DOG STAGE ANALYSIS:

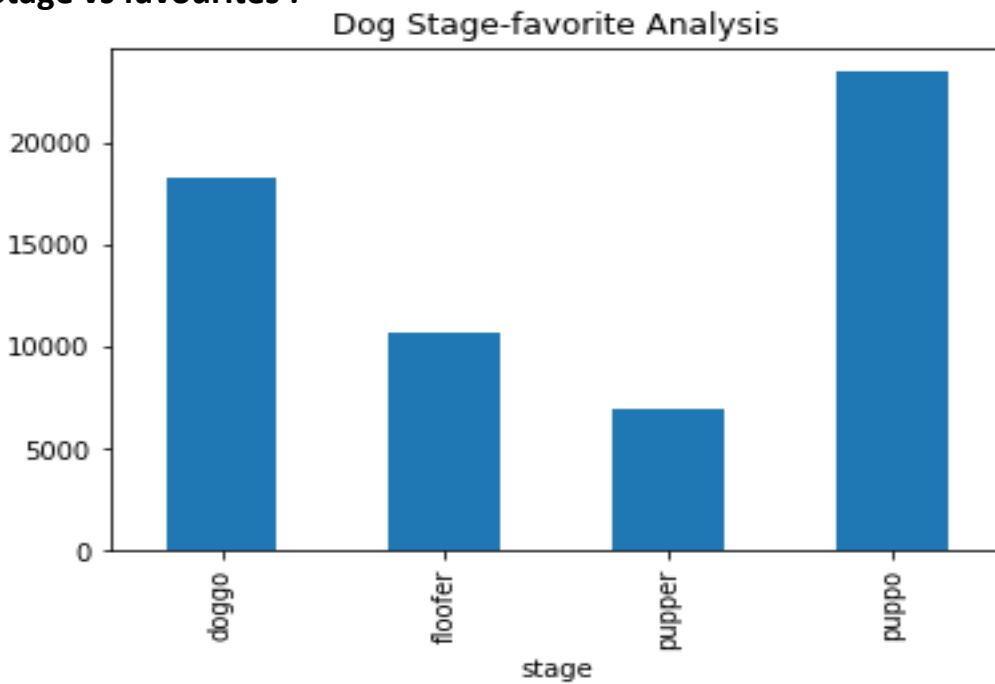
There are four stages of dog. They are pupper, doggo, puppo and floofer. First analysis is done of different stages of dog with respect to rating-ratio, favorites and retweets.

Stage vs Retweets:



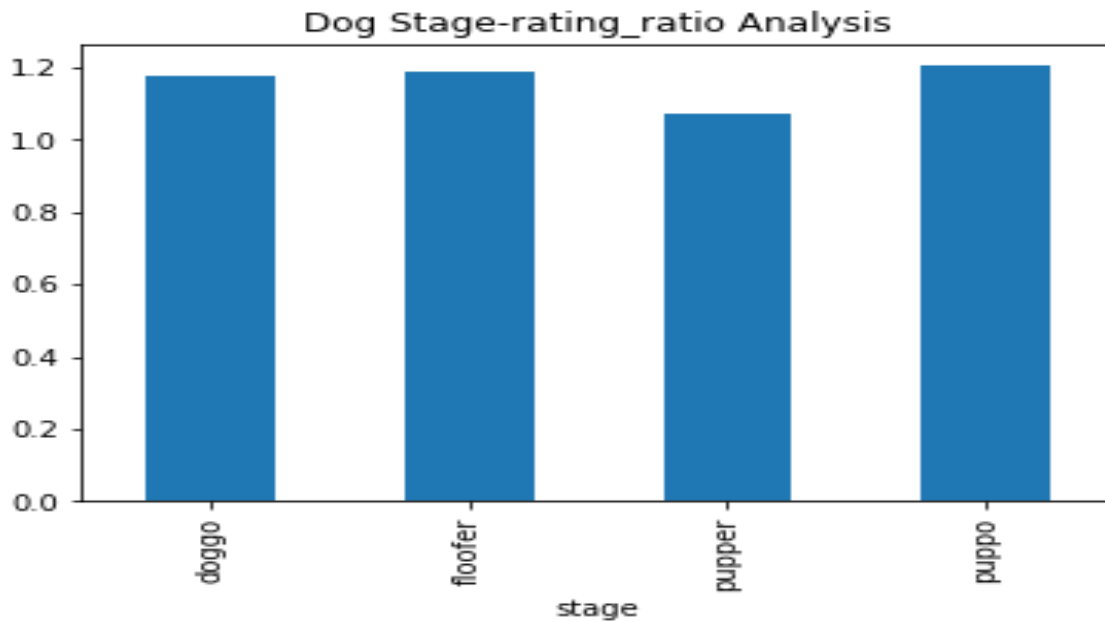
Puppo has most number of retweets and pupper has least number of retweets .

Stage vs favourites :



Puppero has most number of favorites and pupper has least number of favorites. When favorites are more, it is retweeted also more.

Stage vs Rating-ratio:

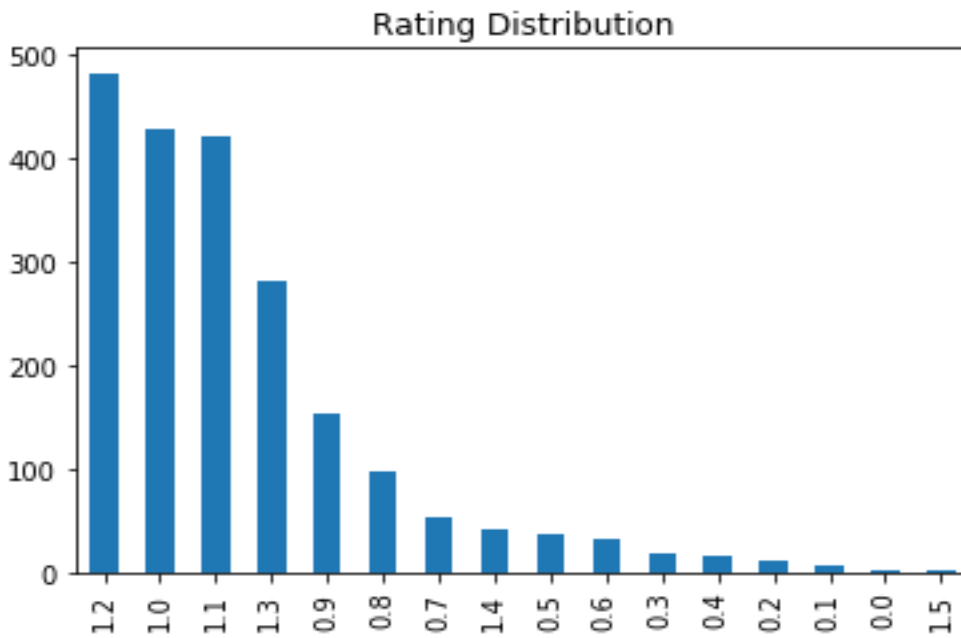


Pupper has the least rating-ratio among the four stages of dog.

RATING ANALYSIS:

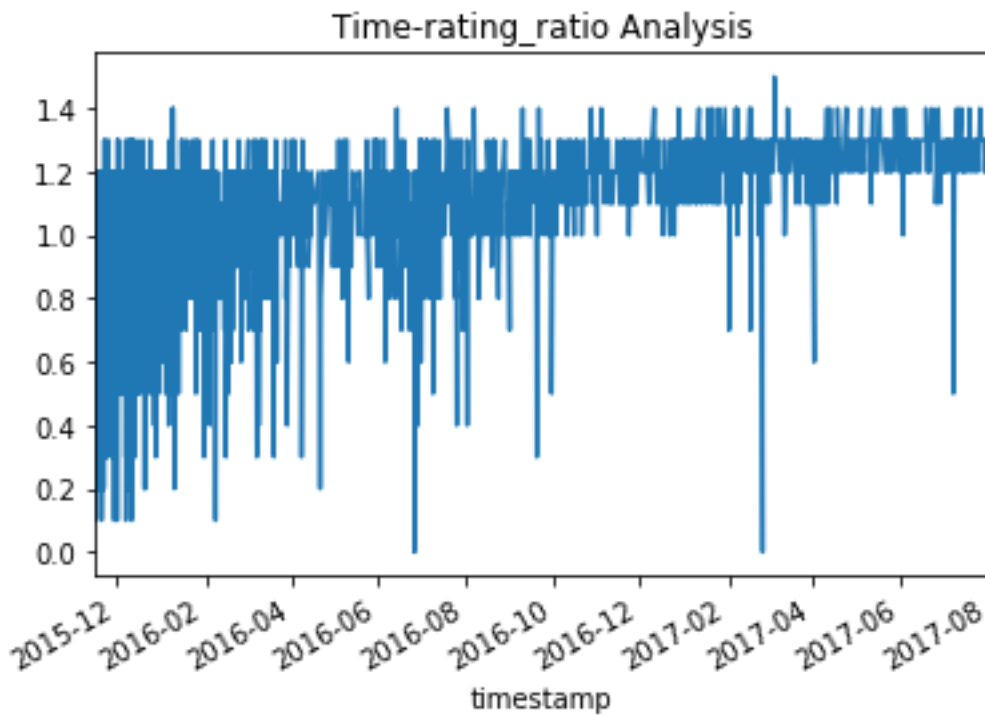
Rating analysis is done with respect to time stamp, favorites and also retweets .

Below shows the Distribution of rating ratio of tweets.



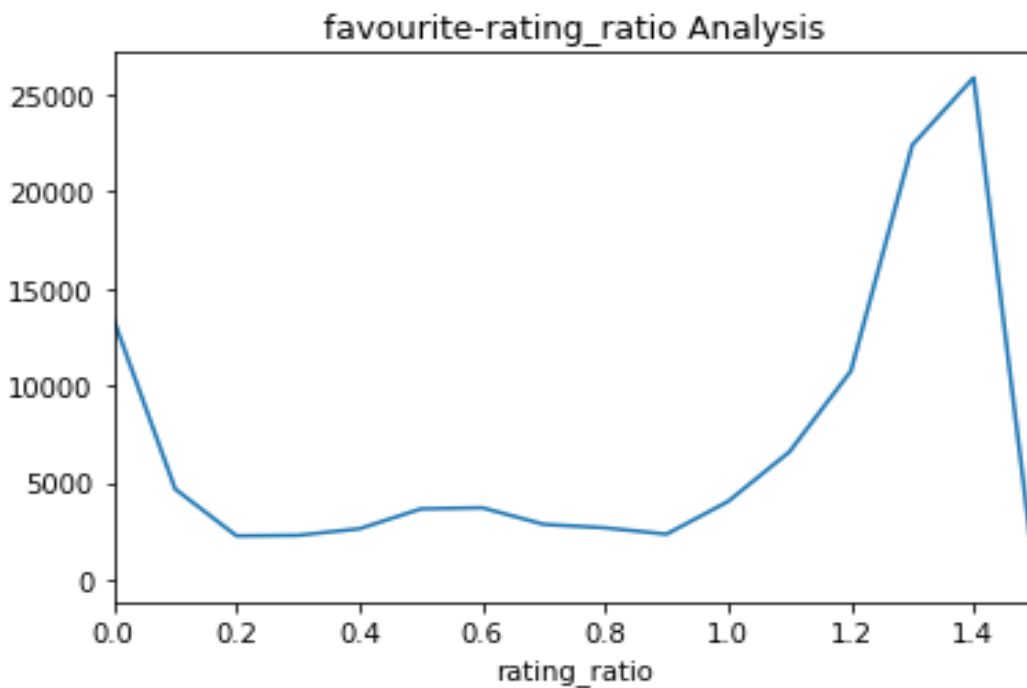
Distribution of rating shows that more rating are in the range of 1 to 1.3. when ratings decrease, frequency of rating also decreases.

RATING VS TIME ANALYSIS:



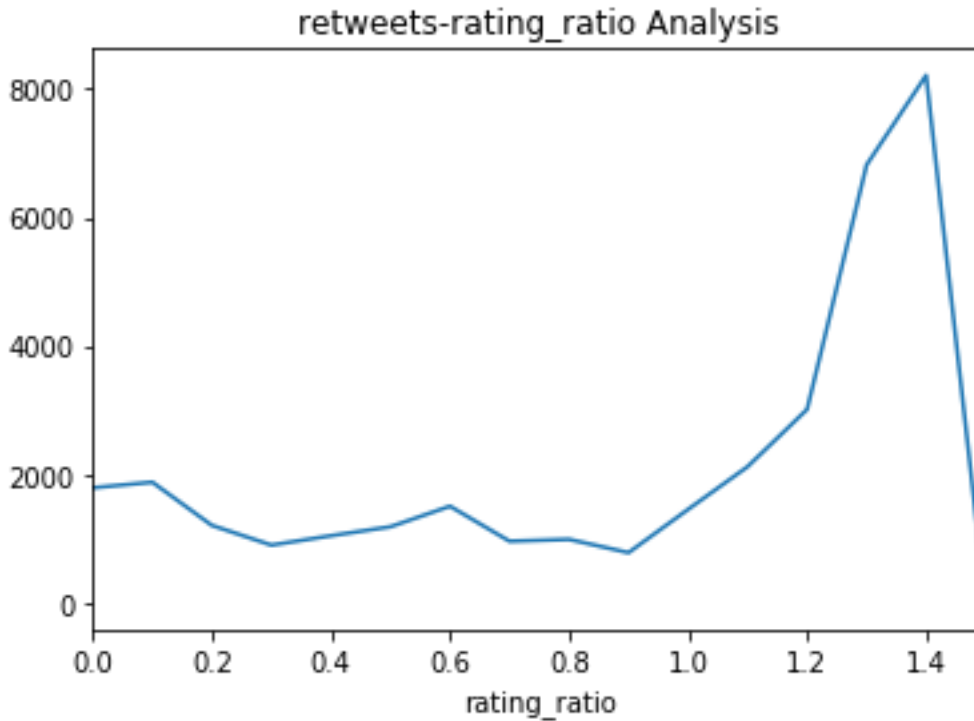
It shows poor rating was observed initially around 2015 which improve to higher rating in 2017.

RATING VS FAVOURITE ANALYSIS:



When the ratings are higher ,favorites are also higher.

RATING VS RETWEETS ANALYSIS:



When the ratings are higher ,Retweets are also higher.

Insights:

- 1.Of all the stages of dog,Pupper is the highest mentioned stage in tweets .Doggo is the second highest mentioned stage.While floofer is least mentioned stage in tweets.
- 2.Average rating Ratio is around 1.05.Most ratio of rating are between range 1 to 1.3.Retweets and favorites are higher for posts with higher rating ratio.Retweets and favourites decreases when rating decreases.
- 3.Puppo has most favorites and retweets even though it is not frequently mentioned in tweets .Pupper has lowest favorites and retweets eventhough it is highest mentioned frequency dog stage.
- 4.Rating ratio increased with time .Intially there are more poor rating around 2015 which decreased in 2016 and rating further improved in 2017.