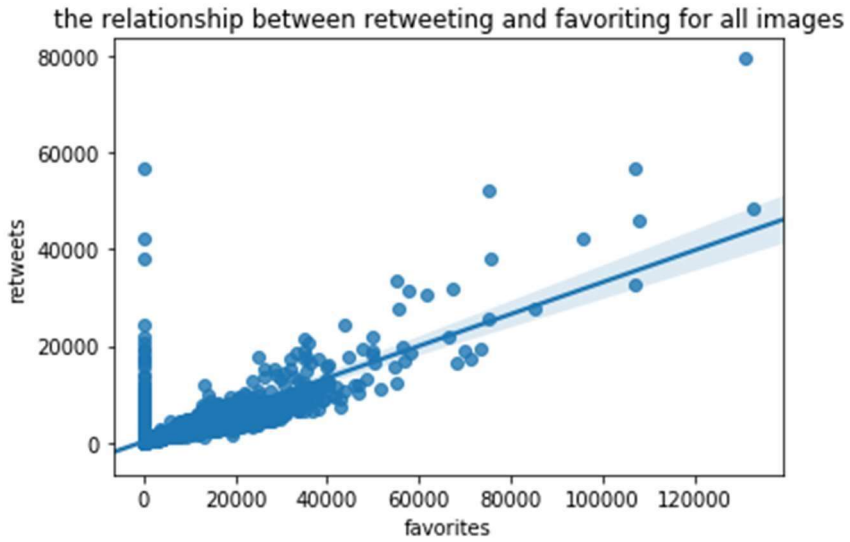
Data visualization:



From the scatter plot in above, I notice there are positive relationships between retweeting and favoriting for all images, "A positive correlation indicates the extent to which those variables increase or decrease in parallel*"

The correlation is equal to 0.790, and this is mean the relationship is strong.

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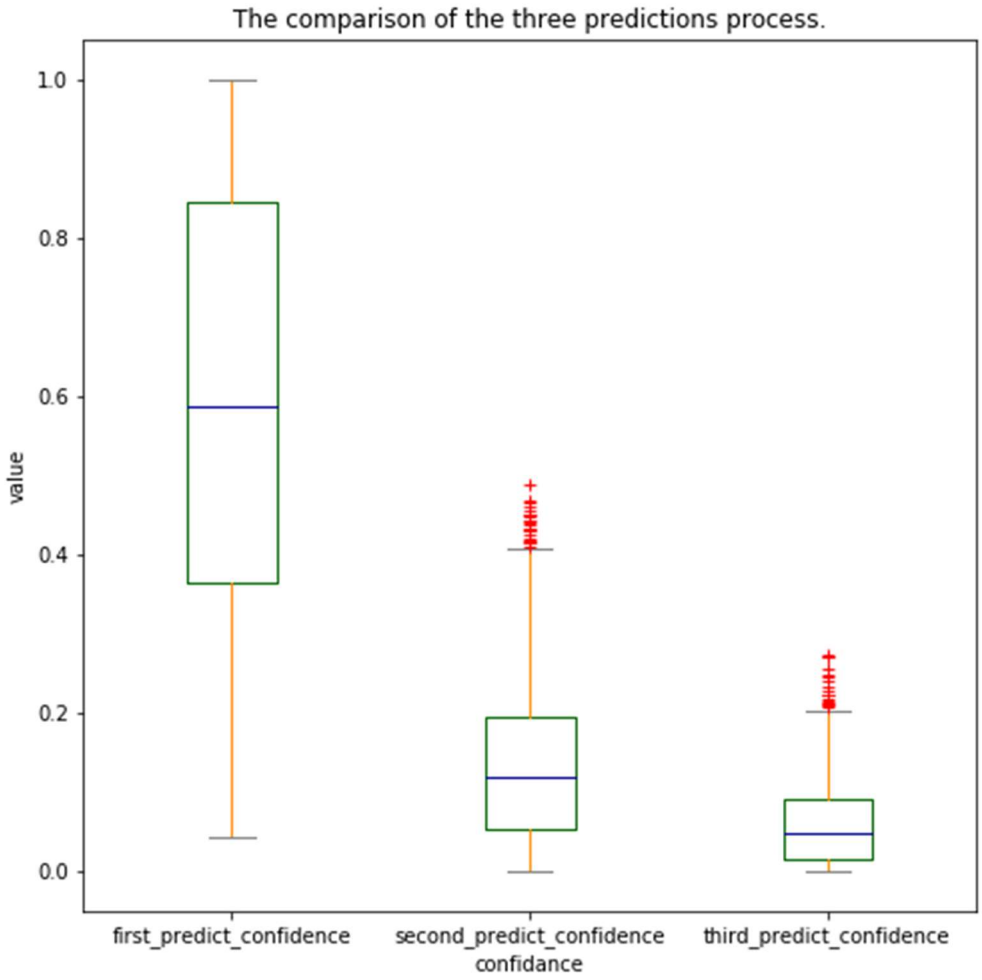
* source:

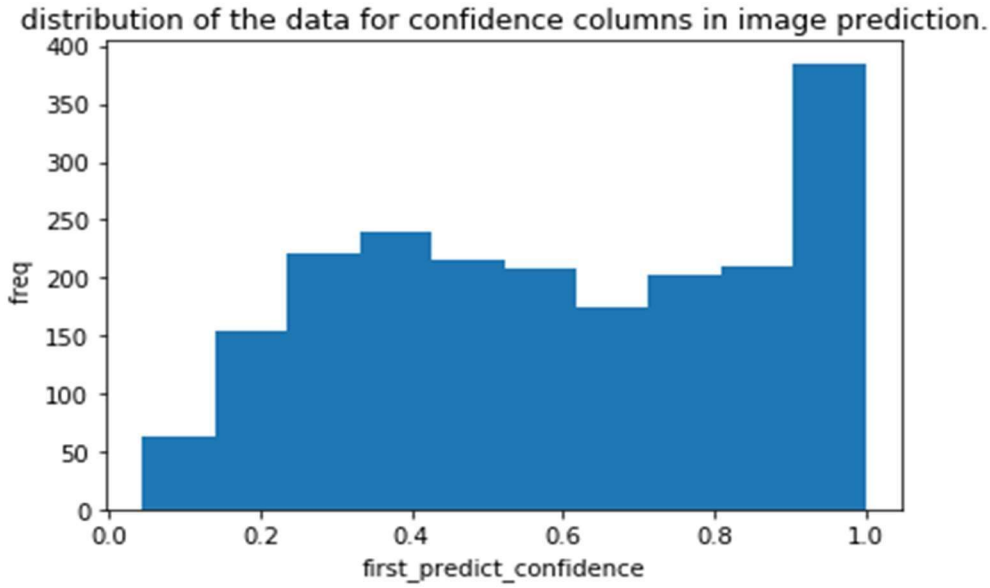
https://whatis.techtarget.com/definition/correlation



The chart above appears to that the first experiment of predictions are scored a the most correct classify of images.

that is mean the classify of the images are very strong in the modeling and fit the data.

I guess the first prediction confidence column is left-skewed because the mode of this column is near to number 1 to prove this I want to look at the distribution of the three columns by a histogram in below.



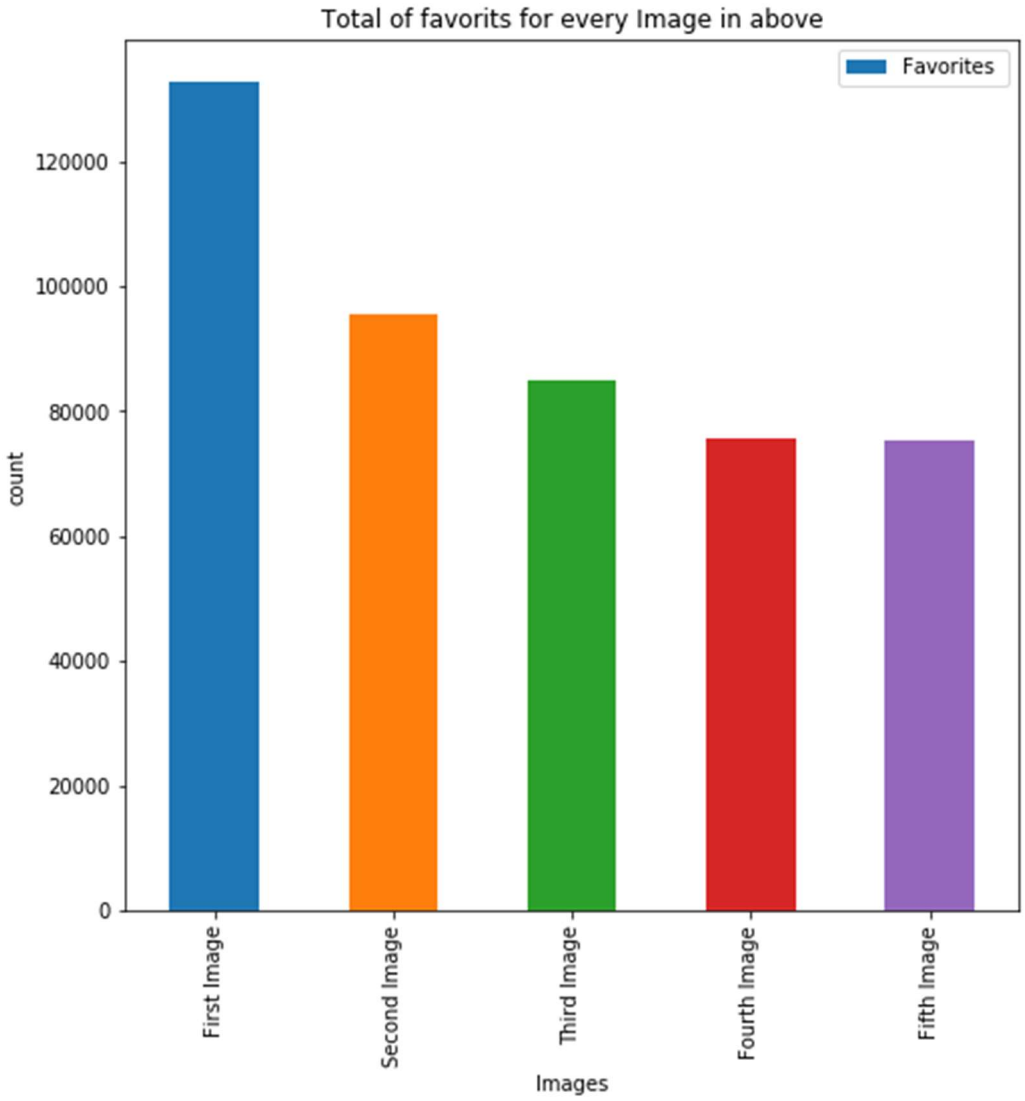
Mode > mean > median => left-skewed

The histogram of this column is appears as a left-skewed because the mode is greater than mean, and also the mead is greater than median.

This skewed is called a negative skewed.

Top Images have top favorites numbers:

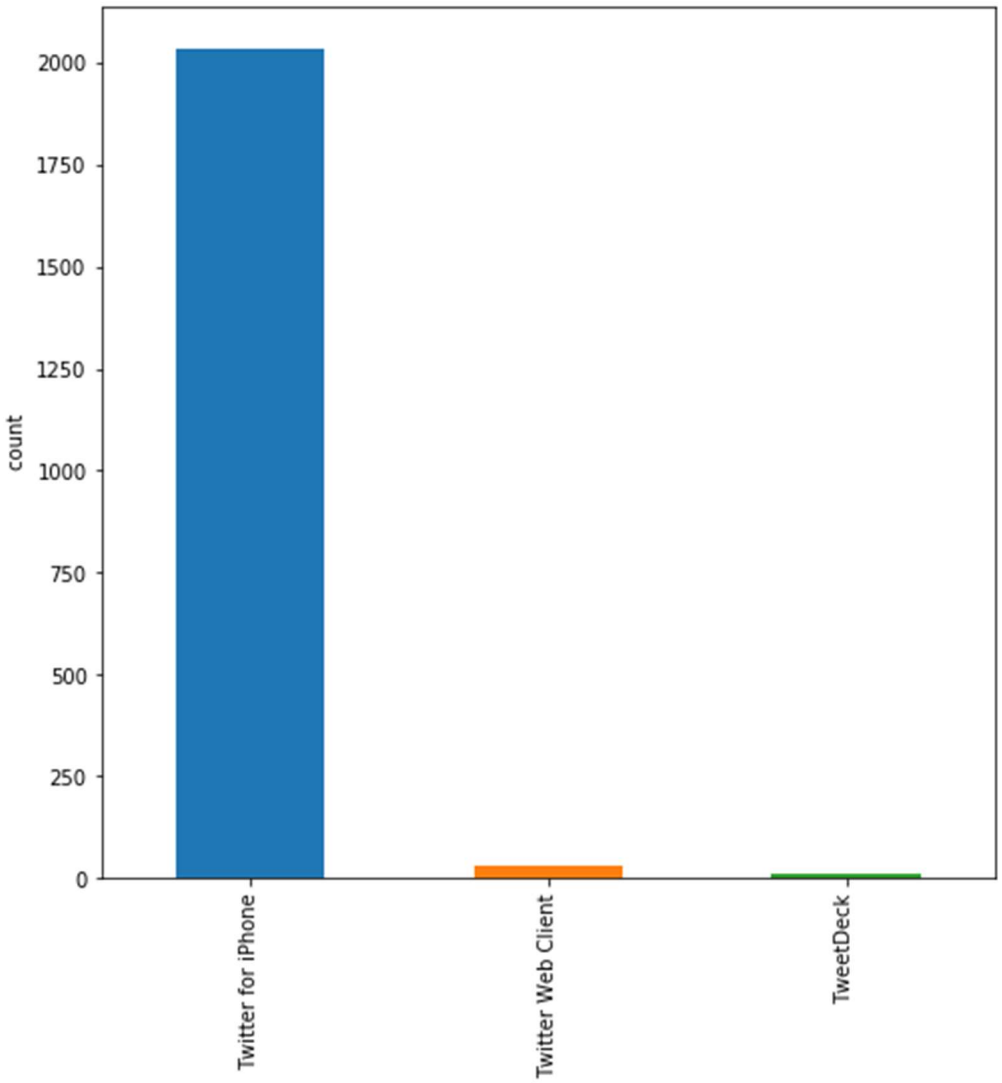
How many retweets for every Image in above?



From this bar chart I notice the first image has around of 130000, the second image has around of 99000 favorites, the third image has 81000 favorites, and the fourth image with fifth image have around 79000 favorites.

From where the users log into Tweeter?

The most of users are using Twitter for iPhone as we show in the next bar chart.


count
2000
1750
1500
1250
1000
750
500
250
0
Twitter for iPhone
Twitter Web Client
TweetDeck