

Analyzing and Visualizing WeRateDogs Twitter page

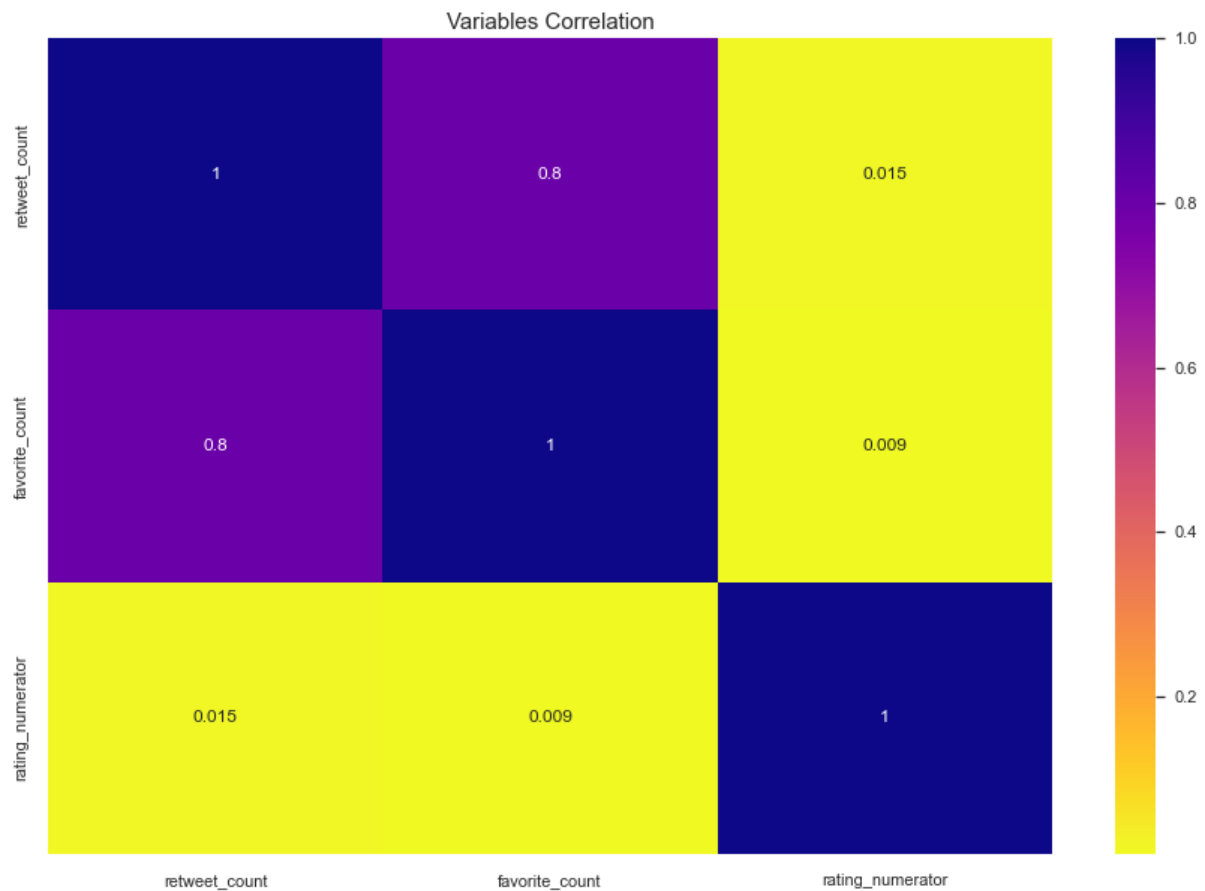
Introduction:

In this project, I worked on the twitter account WeRateDogs. WeRateDogs is a Twitter account that rates people's dogs with a humorous comment about the dog. These ratings almost always have a denominator of 10. The numerators, though? Almost always greater than 10. 11/10, 12/10, 13/10, etc. Why? Because "they're good dogs Brent." WeRateDogs has over 4 million followers and has received international media coverage.

The basis of this project was to get some insights by analyzing and visualizing the wrangled data gathered a variety of sources. Insights like:

1. correlation variable heatmap for various insights?
2. Correlation between retweet count and favorite count
3. Popular dog stage distribution
4. Distribution source for the medium used to access WeRateDogs twitter account.

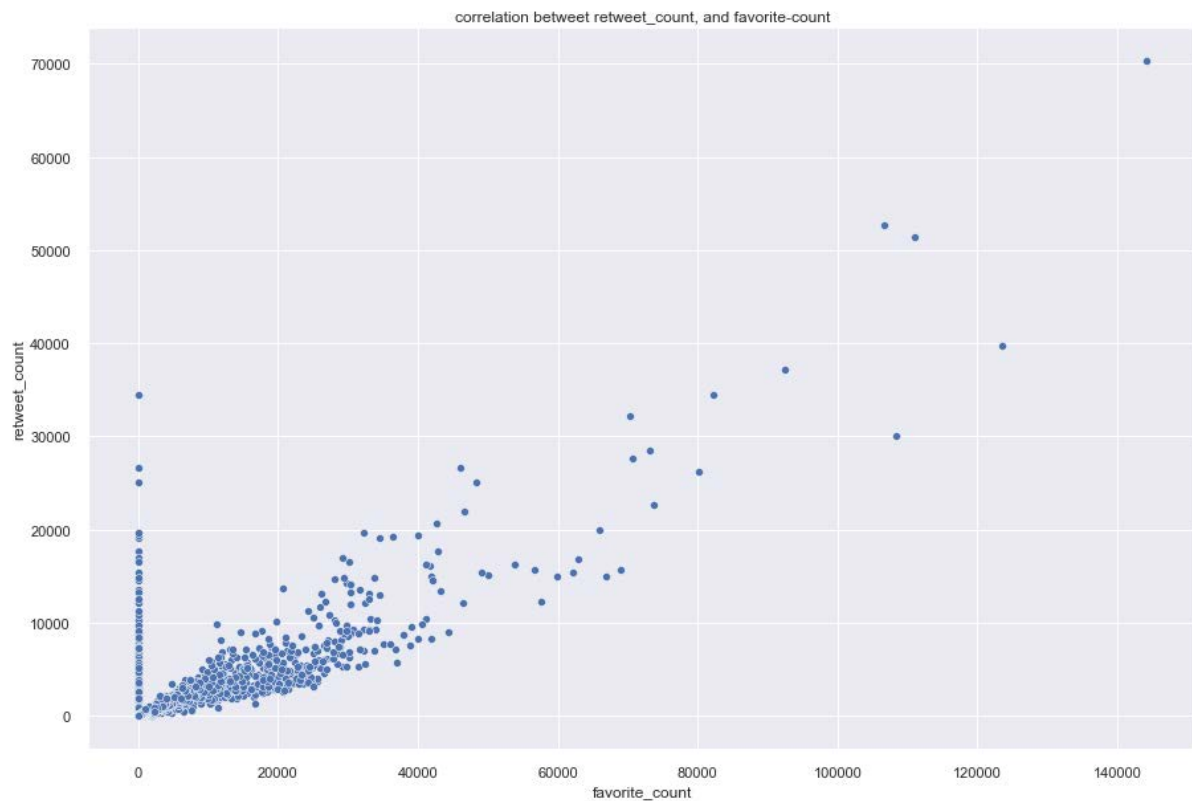
Insight one: Correlation heatmap



Correlation heatmaps are a type of plot that visualize the strength of relationships between numerical variables. Correlation plots are used to understand which variables are related to each other and the strength of this relationship.

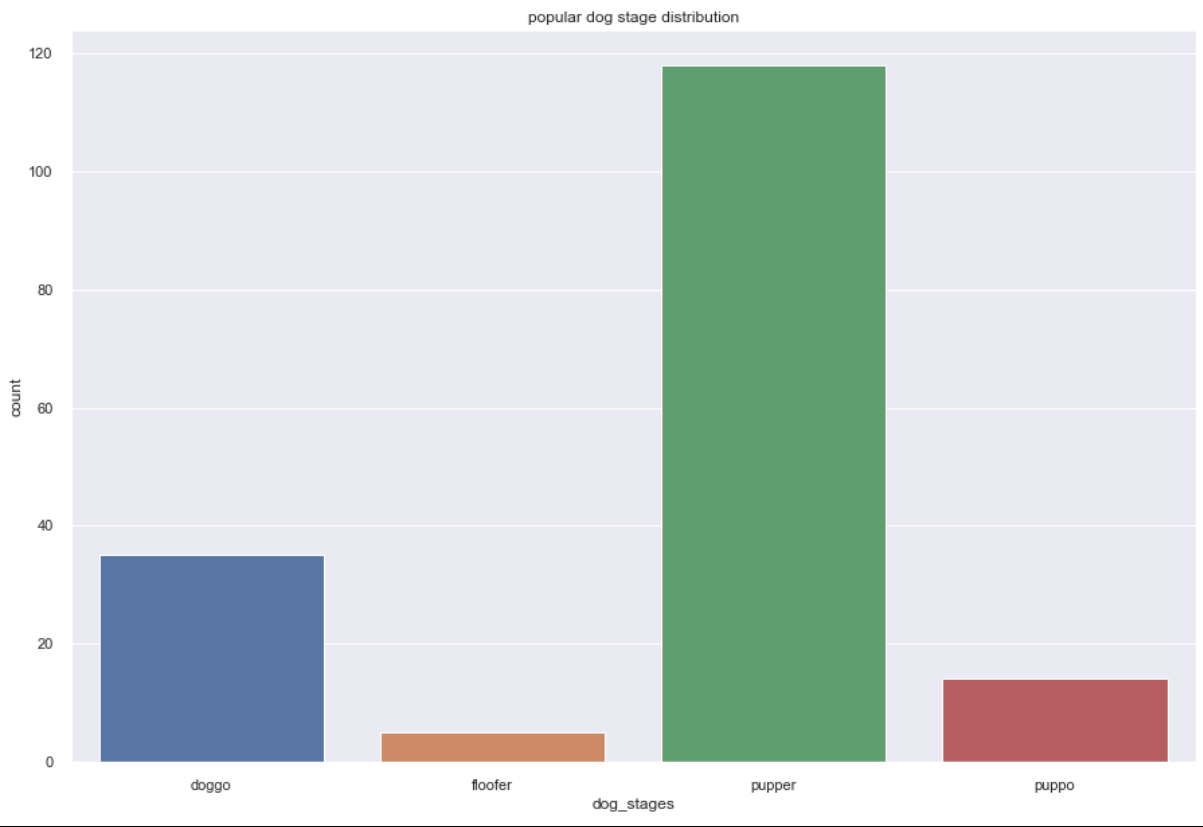
From this correlation heatmap the Strongest correlation is between retweet_count and and favorite count having a correlation coefficient of 0.8.

Insight Two: Correlation between retweet count and favorite count



We often see patterns or relationships in scatterplots. When the y variable tends to increase as the x variable increases, we say there is a positive correlation between the variables. The above scatter plot shows that there is a positive correlation between retweet_counts and favorite_counts.

Insight Three: Popular Stage distribution



THE DOGTIONARY

doggo
/'dɒɡo/
noun

1. A big pupper, usually older. This label does not stop a doggo from behaving like a pupper.
2. A pupper that appears to have its life in order. Probably understands taxes and whatnot.

"That's a really good doggo."
"I give my doggo a firm pat every night before bed."

pupper
/'pʌpə/
noun

1. A small doggo, usually younger. Can be equally, if not more mature than some doggos.
2. A doggo that is inexperienced, unfamiliar, or in any way unprepared for the responsibilities associated with being a doggo.

"H*ck, that's one pettable pupper."
"How many puppers could I fit on my body at once, if I were lying down?"

puppo
/'pʌpə/
noun

1. A transitional phase between pupper and doggo. Easily understood as the dog equivalent of a teenager.
2. A dog with a mixed bag of both pupper and doggo tendencies.

"My puppo is still learning what it takes to be a trustworthy doggo."
"I would hug that puppo so passionately."

blep
/'blep/
verb

1. An extremely subtle act that occurs without the knowledge of the one who slips. The act includes one's tongue protruding ever so slightly from the mouth, usually just noticeable enough that it attracts the attention it deserves. Can last between three seconds and four days.

"My doggo did a h*ck of a blep the other day."
"Get a load of this blep I captured."

snoot
/'snu:t/
noun

1. The nose of a dog. Usually found in places the dog may not fit. The location of the snoot may hint at where the dog's interest lies.

"That is a beautiful snoot."
"I've been trying to boop my neighbor's dog's snoot for six years."

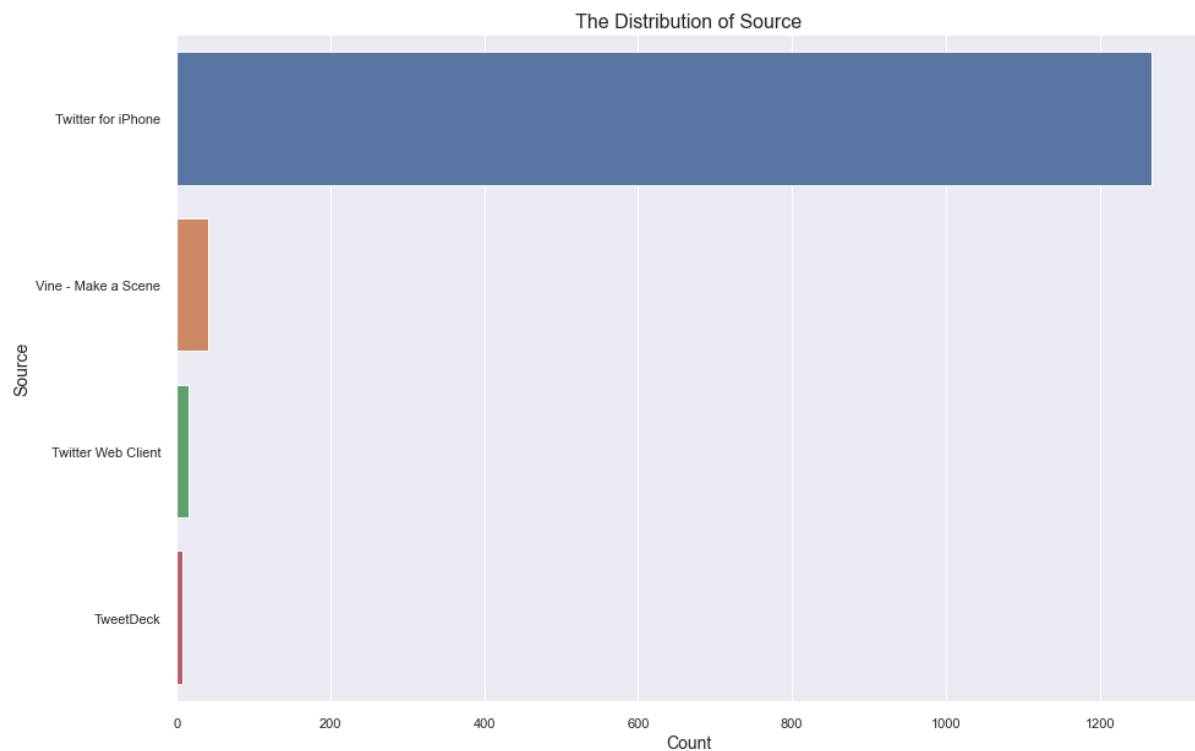
floof
/'flu:f, 'flu:fl/
noun

1. Any dog really. However, this label is commonly given to dogs with seemingly excess fur. Comical amounts of fur on a dog will certainly earn the dog this generic name.
2. Dog fur. The term holds true whether the fur is still on the dog, or if it has been shed off.

"Check out that majestic floof!"
"The floof on my dog has gotten out of control but I don't see anybody complaining any time soon."

The bar chart above shows pupper is the most popular dog stage, followed by doggo.

Insight Four: Distribution source for the medium used to access WeRateDogs twitter account.



Its clearly observed that twitter for iphone was widely used medium that individuals used to access and rate the dogs. Subsequently followed by Vine, Twitter Web Client, TweetDeck.

- (TweetDeck is a social media dashboard application for management of Twitter accounts. Originally an independent app, TweetDeck was subsequently acquired by Twitter Inc. and integrated into Twitter's interface. It has long ranked as one of the most popular Twitter clients by percentage of tweets posted, alongside the official Twitter web client and the official apps for iPhone and Android.)
[<https://en.wikipedia.org/wiki/TweetDeck>]