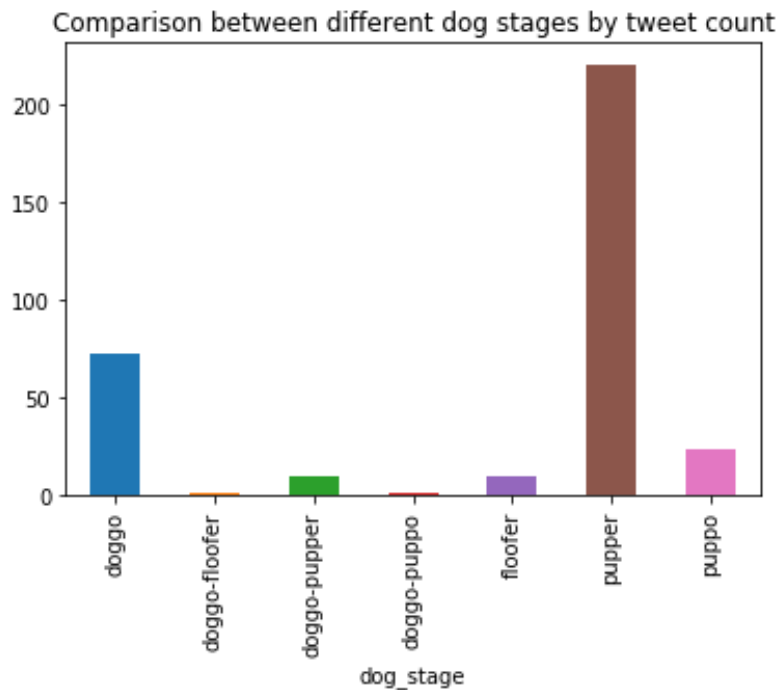# Wrangle Act

To find out the most popular dog stage out of all tweets, I proceeded to plot the different dog stages against their tweet counts.

We can see that pupper is the most popular dog of all stages by a huge margin and it is a solitary category meaning that the photos contain only puppers. We can also observe that tweets that contain multiple dog stages are less popular than tweets that have one dog stage. Since that pupper is a dog at an early stage, we can conclude that most people like to photograph puppies the most.

To investigate the highest rated dog stage, I plotted the numerator rating against the dog stages. Since I had already accounted for the effect of having multiple dogs in a photo on the numerator rating previously, I can safely compare the ratings.

Comparison between different dog stages with rating numerator
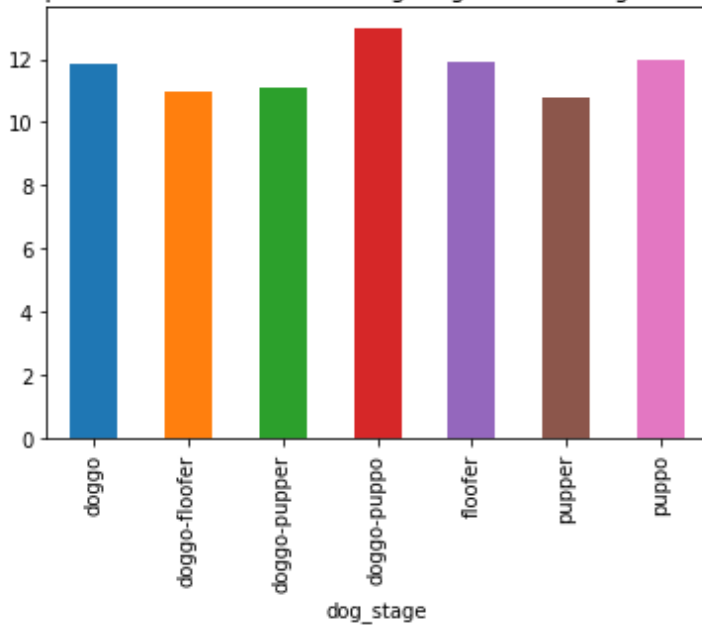
We don't have the huge disparity that exists in the previous plot. All of the ratings are somewhat close to each other and all of them are above ten. We can conclude that all of the users highly rate all of the dogs regardless of the stage they are in.

To gauge the popularity of the tweets throughout the years, I plotted the retweet count versus the year.

Retweet count through the years
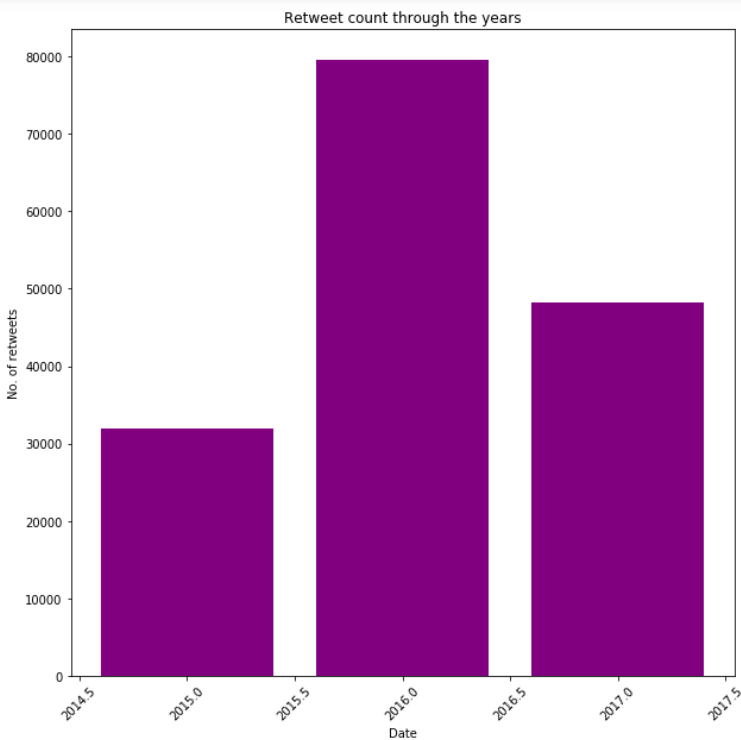
We can see that the tweets popularity peaked at the year 2016 and dipped throughout 2017. We might conclude that the dip happed because of the decrease in the number of tweets.

Tweet count throughout the years
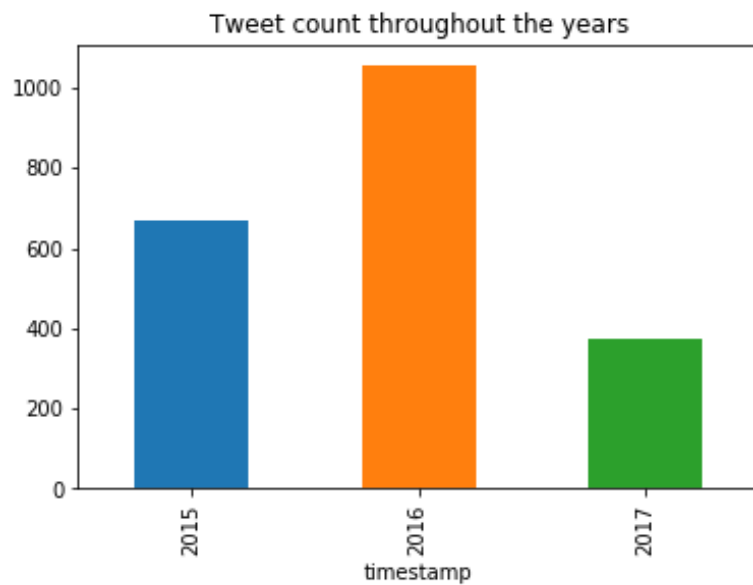
This bar chart affirms my previous conclusion that the decrease in retweet count is caused by the decrease in the number of tweets. Therefore, retweet count is correlated with the number of tweets.