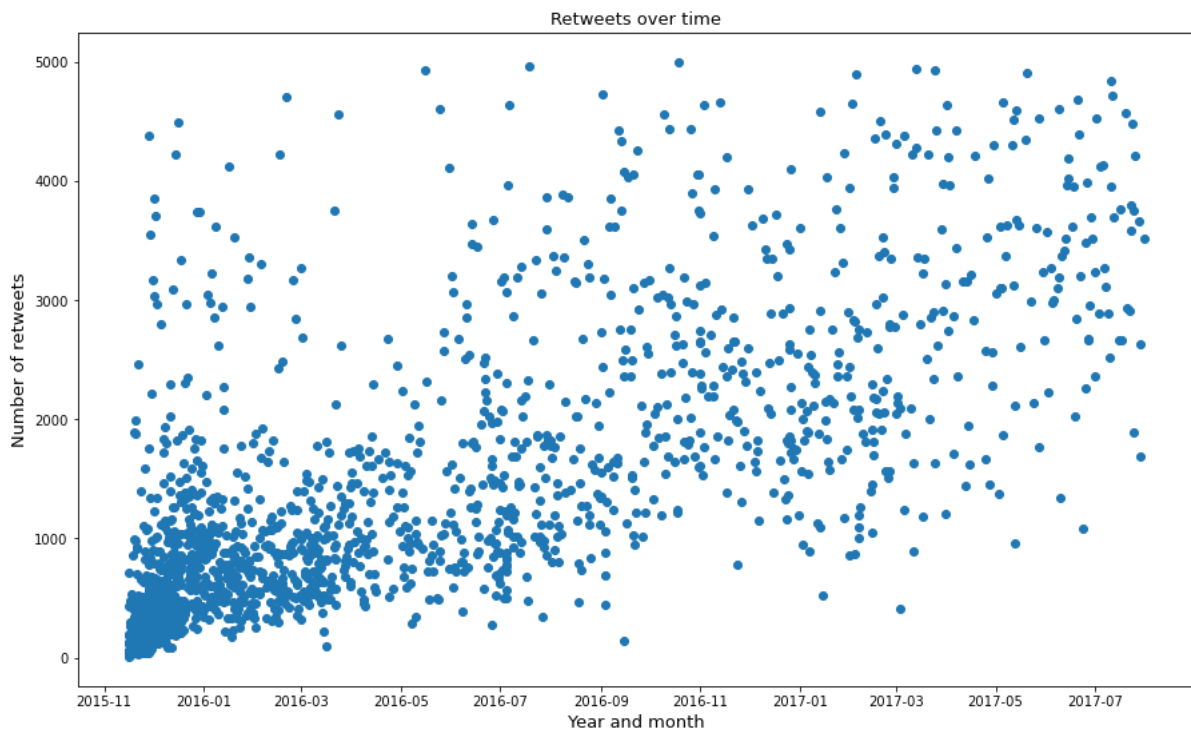


# Act Report

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. WeRateDogs has over 4 million followers and has received international media coverage. Luckily, Twitter has provided a developer's API that allows developers to retrieve the dog's tweet data. Combined with data of dog breed predictions from dog images in the tweets. This large amount of data can be gathered, assessed, cleaned, and combined by using data wrangling techniques in order to provide insights into how the data is correlated.

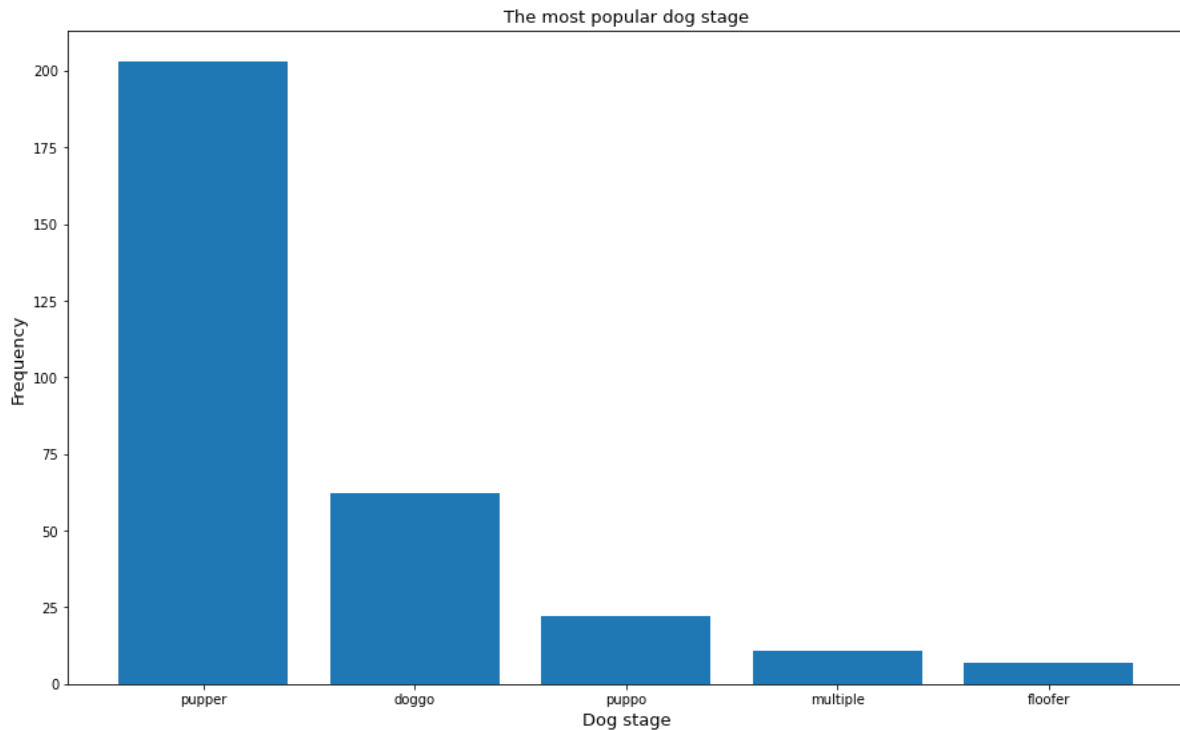
## Insights

### 1. Is there a correlation between the retweet count and tweet date



The scatter plot shows a positive correlation between retweet count and the tweet date. This makes sense because Twitter is having more users daily. So, the WeRateDogs retweets are increasing gradually each month.

## 2. The most popular dog stage



The bar plot shows that the most popular dog stage is a "pupper" with a frequency of 200, while the other dog stages only reached 65.

## 3. The most used Twitter source

People are using Twitter for iPhone, Twitter Web Client, and TweetDeck. The value counts of the Twitter source show that Twitter for iPhone is the most used by users by 98%.

## 4. The median and mean favorite count is 3511 and 7796 respectively

Based on the generated descriptive statistics, the median of the favorite count is 3511, which means half of the tweets are reaching less than 3511 favorites, and the other half are reaching more than 3511 favorites. Also, the descriptive statistics show that the average favorite count for the tweets is 7796.