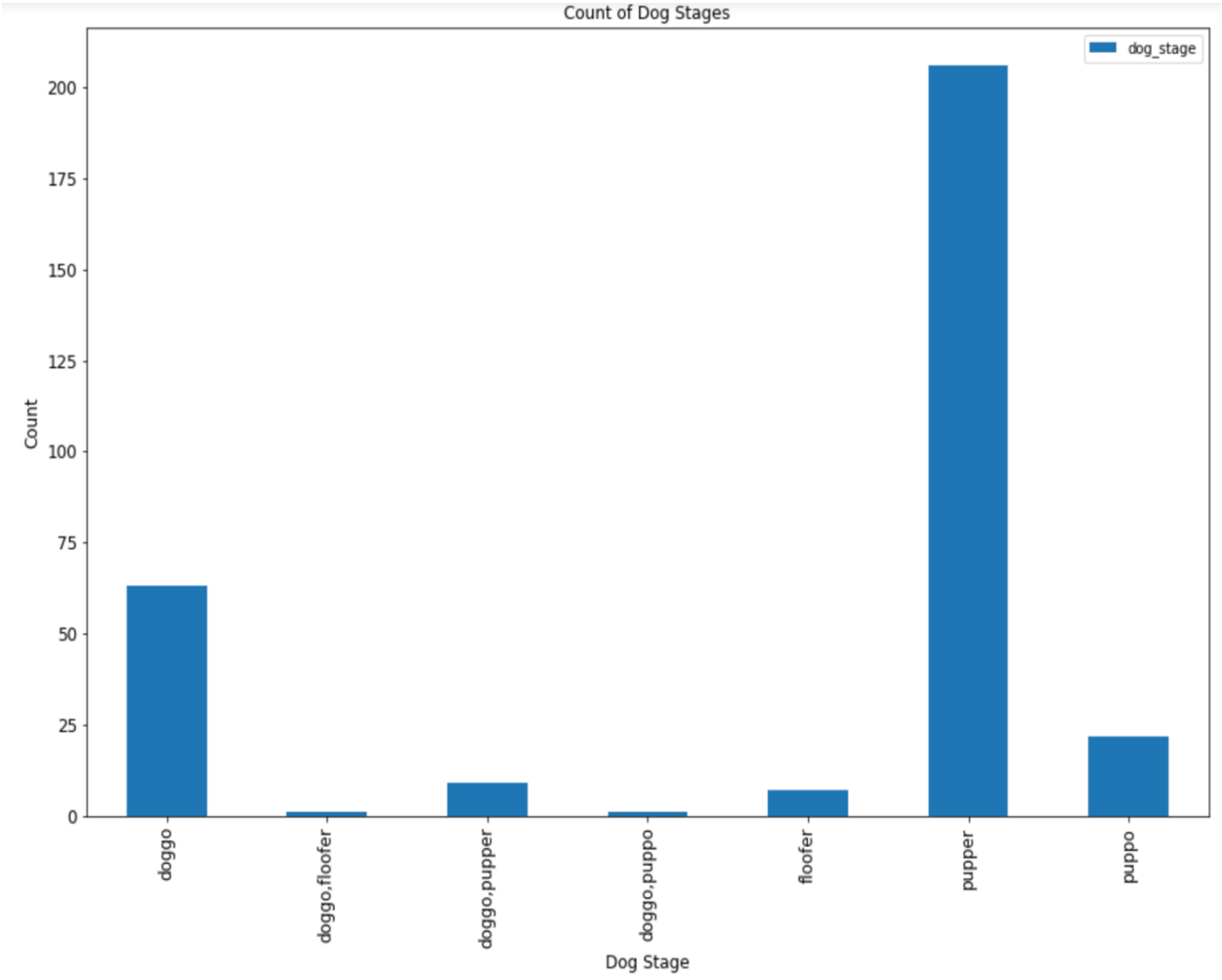
Analysis Report
By: Rawan Alghamdi - February 27, 2019

After completing the data wrangling process (gathering, assessment and cleaning) of the dataset (tweet archive of Twitter user @dog_rates, also known as WeRateDogs), the analysis was applied on twitter_archive_master (the result of joining all three cleaned tables: twitter_archive_clean, df_image_predictions_clean and df_tweet_info_clean) to communicate three insights of the data with one visualization, presented below:

The First Insight, The count of dog stages

In the first insight, the count was displayed for each dog stage. It shows that the most frequent dog stage is **"pupper"** and the least frequent is **"doggo,floofer "** and **"doggo,puppo".**

The following plot visualizes the first insight:



The Second Insight, Retweets vs Counts for dog stages

In the second insight , the retweet and favorite counts were displayed for each dog stage and it shows that the dog stage that has the highest retweets also has the highest favorites and that dog stage is **"pupper"**.Also, the dog stage that has the lowest retweets has the lowest favorites as well and that dog stage is **"doggo,floofer".**

The Third Insight, The timestamp description of dog stages

In the third insight, the timestamp description of the dog stages was presented and it indicates that **"pupper"** dog stage is the first seen and used term as it is first seen at January of 2016.On the other hand, **"doggo,puppo"** and **"doggo,floofer"** first seen at 2017.