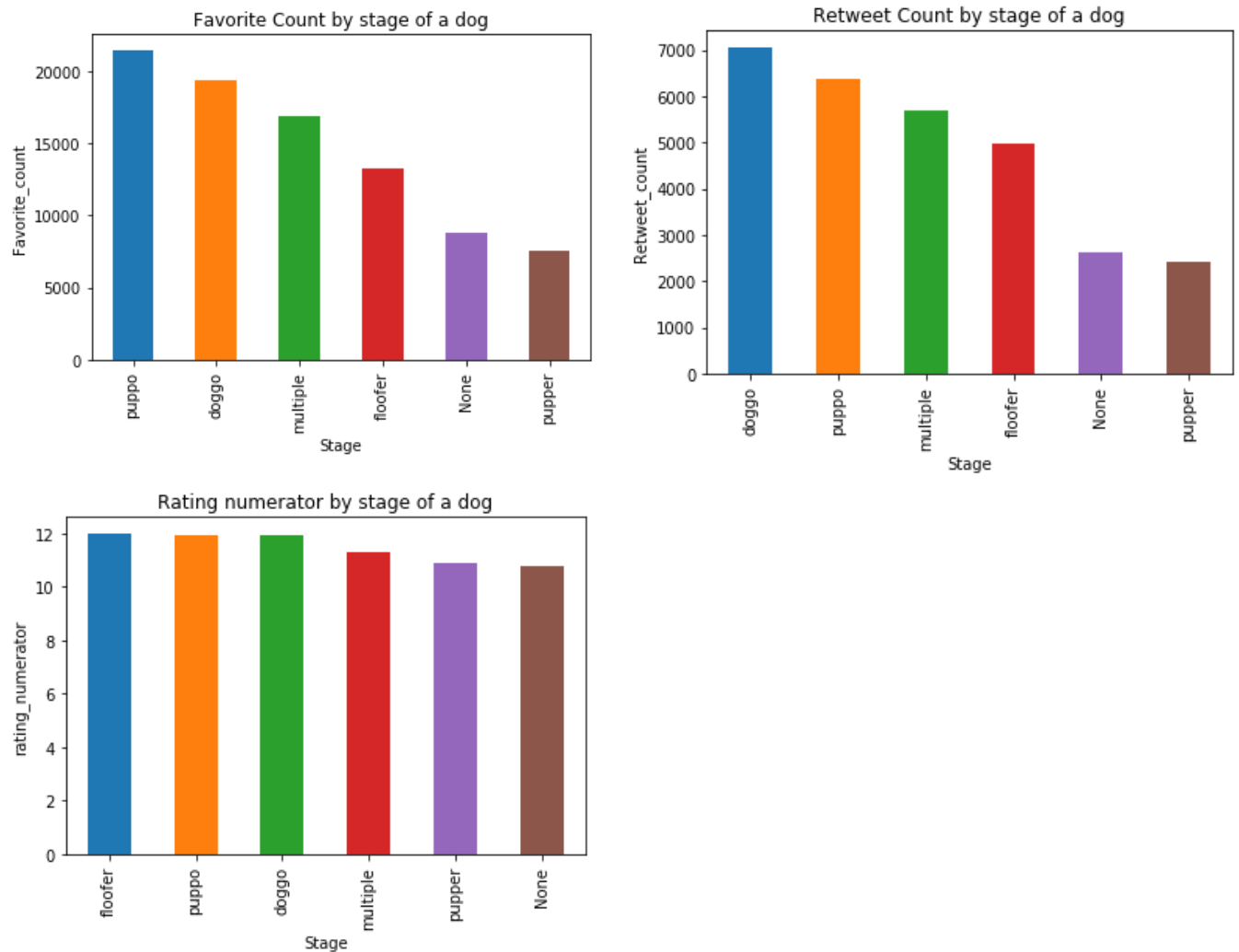


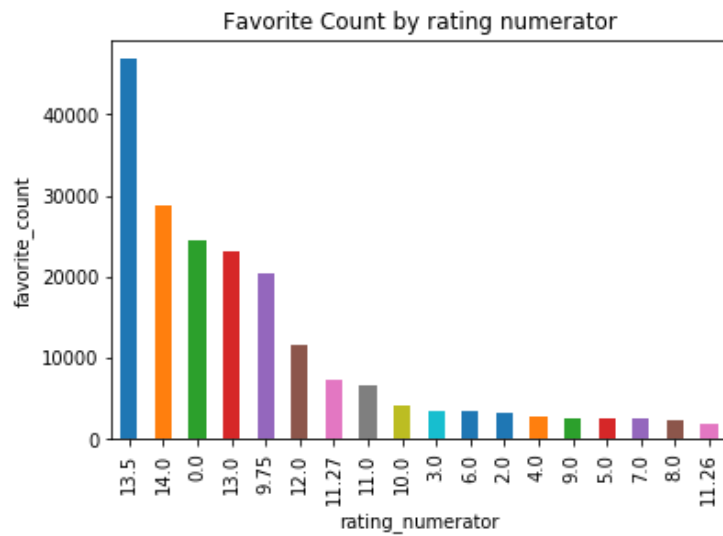
This report communicates the insights and displays the visualizations produced from the Wrangle and Analyze Data Project in Data Analyst Nanodegree at Udacity.

1. What dog stage is the most popular?

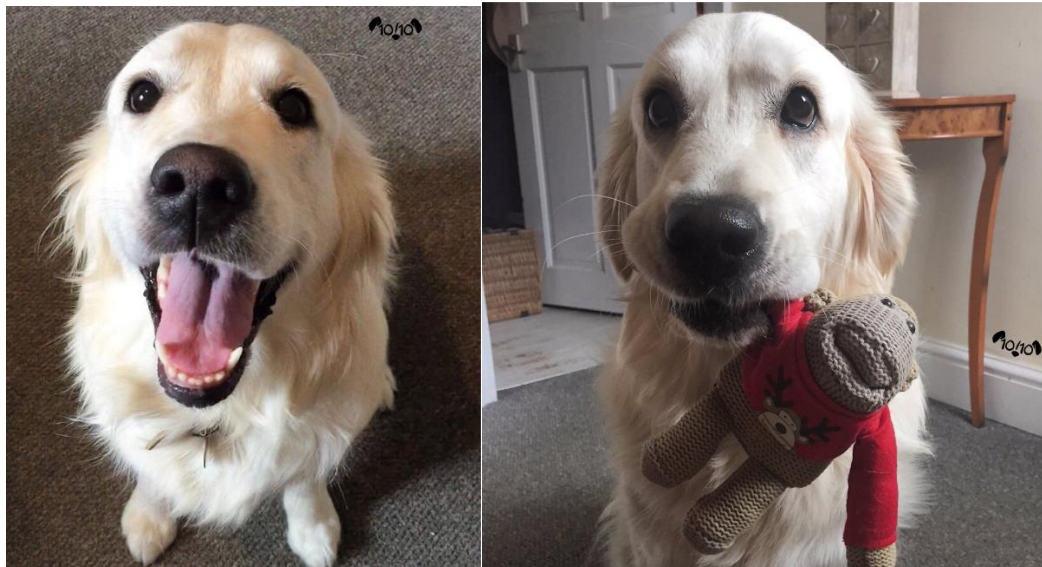


The charts show that tweets that contain dogs' stages like 'puppo' or 'doggo' tend to have higher count favorite count. On the other hand, 'puppers' have the lowest favorite count, even lower than 'None'. The same pattern is present in the 'retweet count'. In addition, dogs that have 'stage' added to the tweets' text, tend to have higher rating numerators. Mean rating numerator for the tweets is 10.84. 'Floofer' tend to have the greatest rating numerators and their rating numerator mean is 12.

2. Do tweets with higher ratings tend to have higher favorite count?

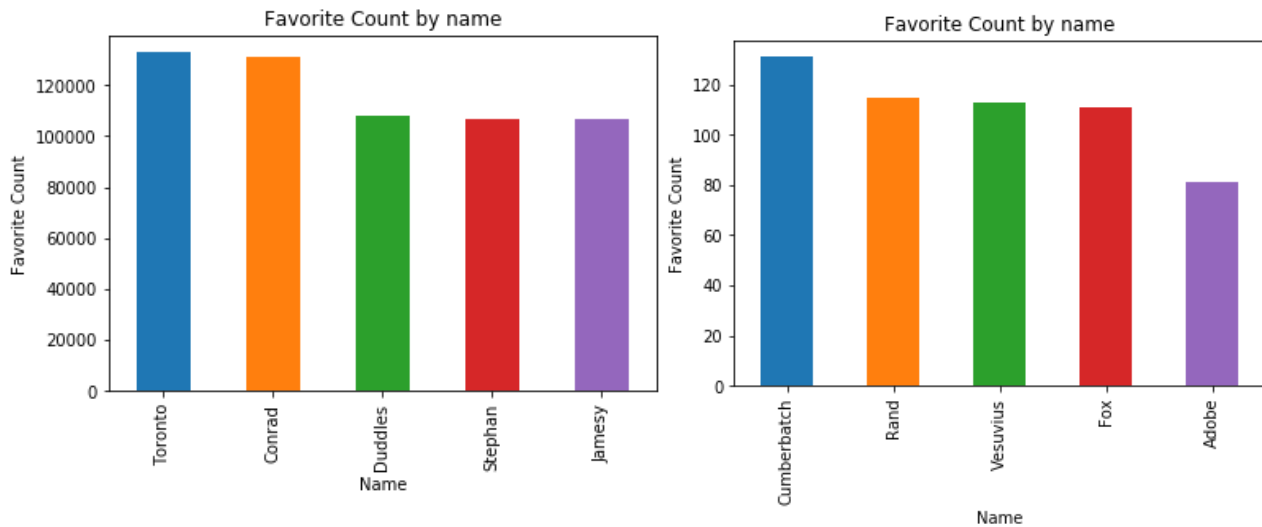


The chart shows that dogs with higher ratings also tend to get higher favorite count. An exception is rating numerator of 0; however, only one dog received that rating; therefore, we can ignore that result as the sample size is not big enough. The mean of favorite count is 9268. The highest favorite count mean (46860) is observed in tweets that have rating numerators of 13.50; however, only one dog had this rating. The lowest favorite count mean (1879) is seen in tweets that have rating numerator of 11.26.



Bella (13.50/10) had the highest favorite count out of all dogs.

3. What dog names were the most favorite?



The chart on the left shows 5 most popular dog names in terms of the favorite count. Dogs named Toronto were the most favorite in the sample. These dogs scored an average favorite count of 132810. On the other hand, dogs named Adobe (chart on the right) scored the lowest favorite count in the data sample. Their mean was 81.