

# Act Report

## Introduction

The purpose of this report is to show the conclusions for the analysis after the wrangling process and visualize it using python library “matplotlib”

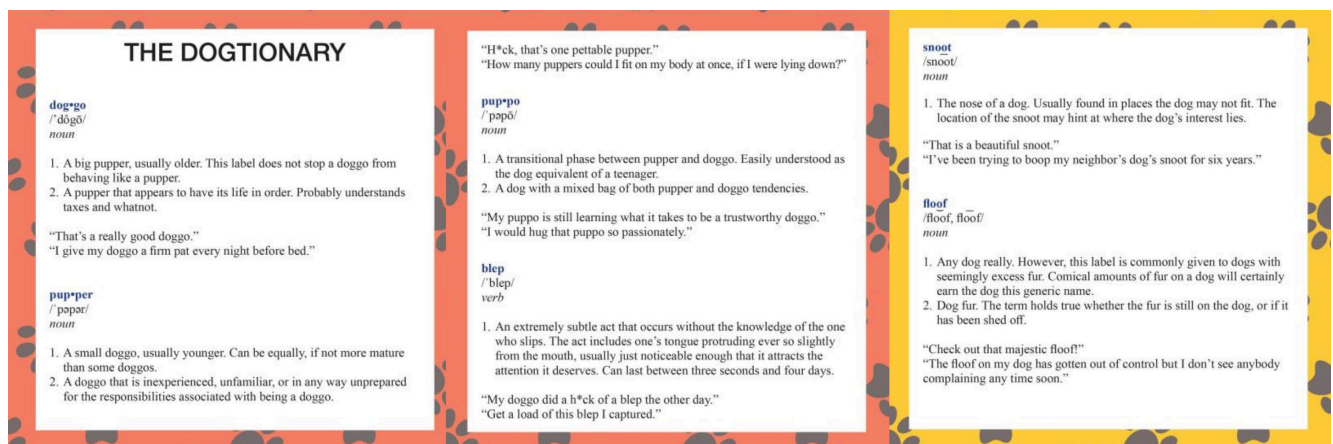
The analyzation process depending on the question we hope to answer or assumptions we hope to prove , the main question we answered by these analysis is :

- What is the most rated dog\_stage?
- Is the highest rating dog receives highest retweets?
- Is the popularity of page "we rate dogs" increased since the twitter joining data (Nov, 2015)?

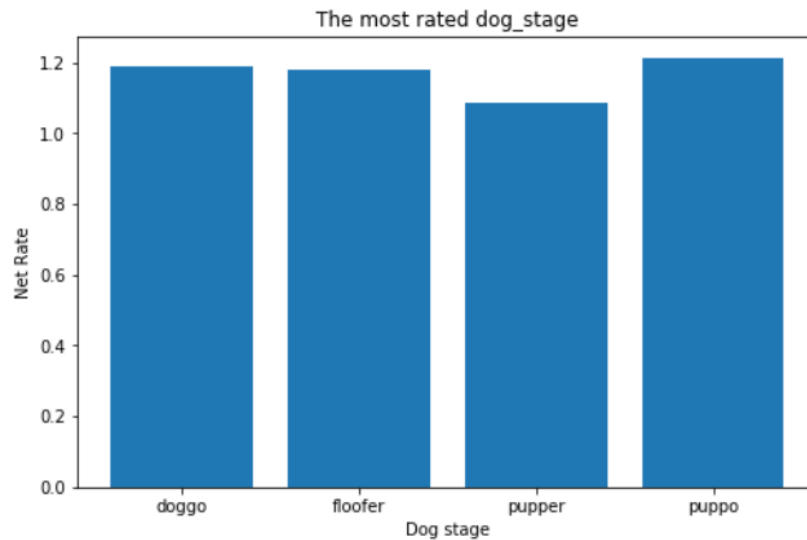
## Here is the answers of these questions:

- What is the most rated dog\_stage?

WeRateDogs® depends on four stages to rate dogs which is “doggo”,”floofer”,”pupper” and “puppo” which discussed in the following screen



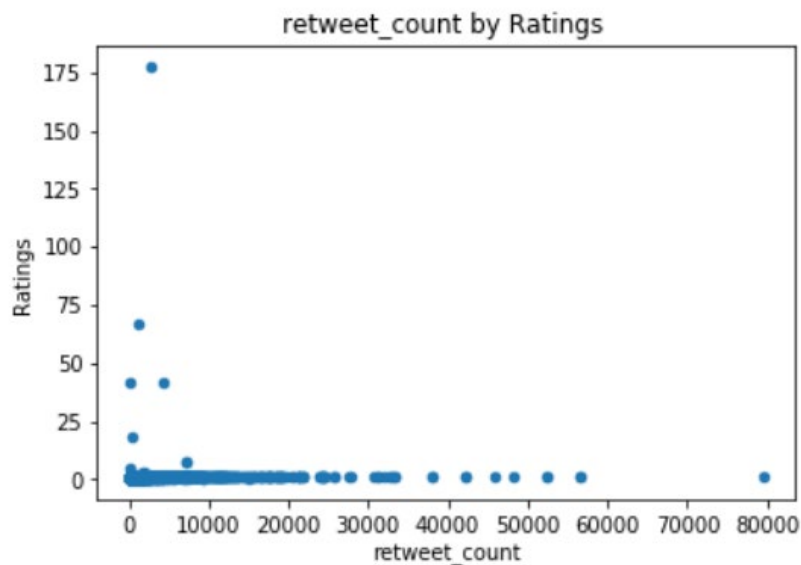
By analyzing the dog stages and the rates in average for each group we conclude that the most rated group in average is “puppo”



- Is the highest rating dog receives highest retweets?

We answer these question using scatter diagram to know the correlation between the two variables “Dog Rate” and “retweets count”

The conclusion is that there is no coloration between the rate and the retweets count as shown in the figure below:



- Is the popularity of page "we rate dogs" increased since the twitter joining data (Nov, 2015)?

This question can be answered by follow the retweet counts for the account from the foundation of the account on 2015 till 2017 which show the amount of reactions of the followers.

We conclude that the popularity of the account improved by about triple since the foundation as shown in the figure below:

