Report on Analysis and Visualization of @WeRateDogs Twitter Data

Introduction

WeRateDogs is a rapidly growing Twitter account, dedicated to post, rate Twitter user's dog photos and make funny comments about them. Nowadays it has almost 6 million followers and tons of likes, favorites and comments.

Objective

The objective of this is to create interesting and trustworthy analyses and visualizations. The Twitter archive is great, but it only contains very basic tweet information. Additional gathering, then assessing and cleaning is required for "Wow!"-worthy analyses and visualizations.At least three (3) insights and one (1) visualization must be produced.
From the already gathered and cleaned datasets, I produced 3 different visualizations and insights from the data.

Analysis & Visualizations

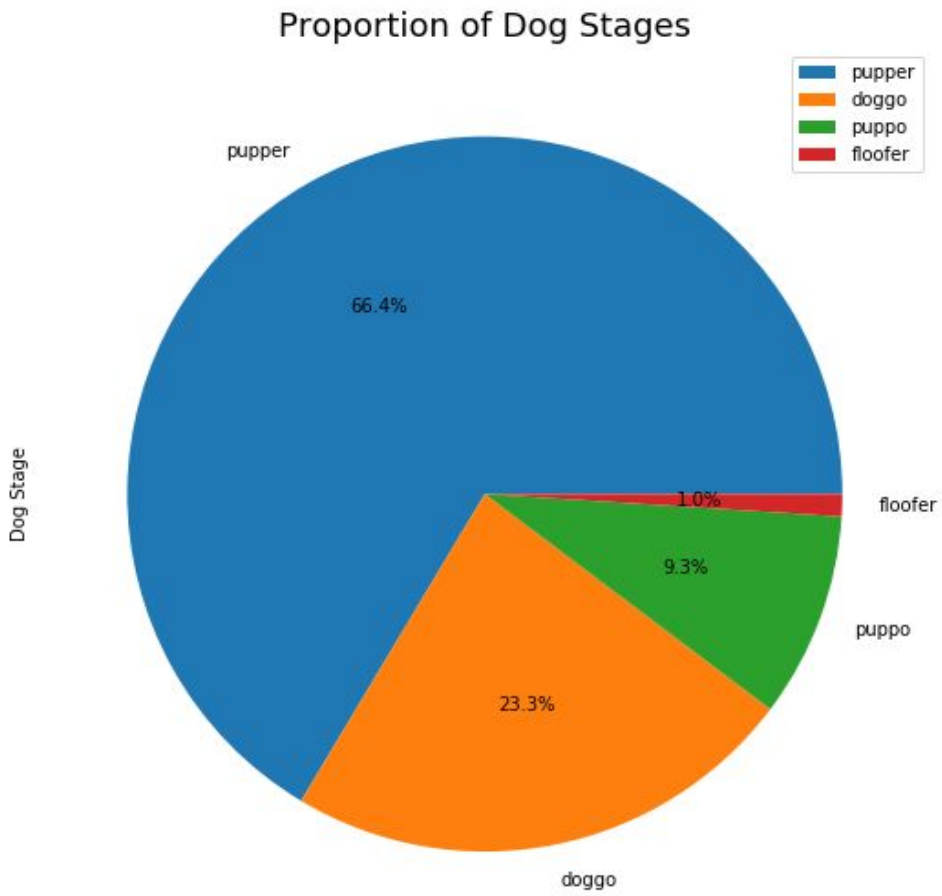
1. **The most popular dog stages**
   This Analysis helped discover what growth stages of dog were mostly rated by @WeRateDogs.

   Observation

   From the below pie chart, we can observe that dogs in the pupper stages are the most popular (66.4%)

   Interpretation

   @dogrates rates more puppies than more matured dogs.



Analysis

dog_counts = pd.Series(dog_stages.stage_check.value_counts())

dog_counts

Out:

pupper 265

doggo 93

puppo 37

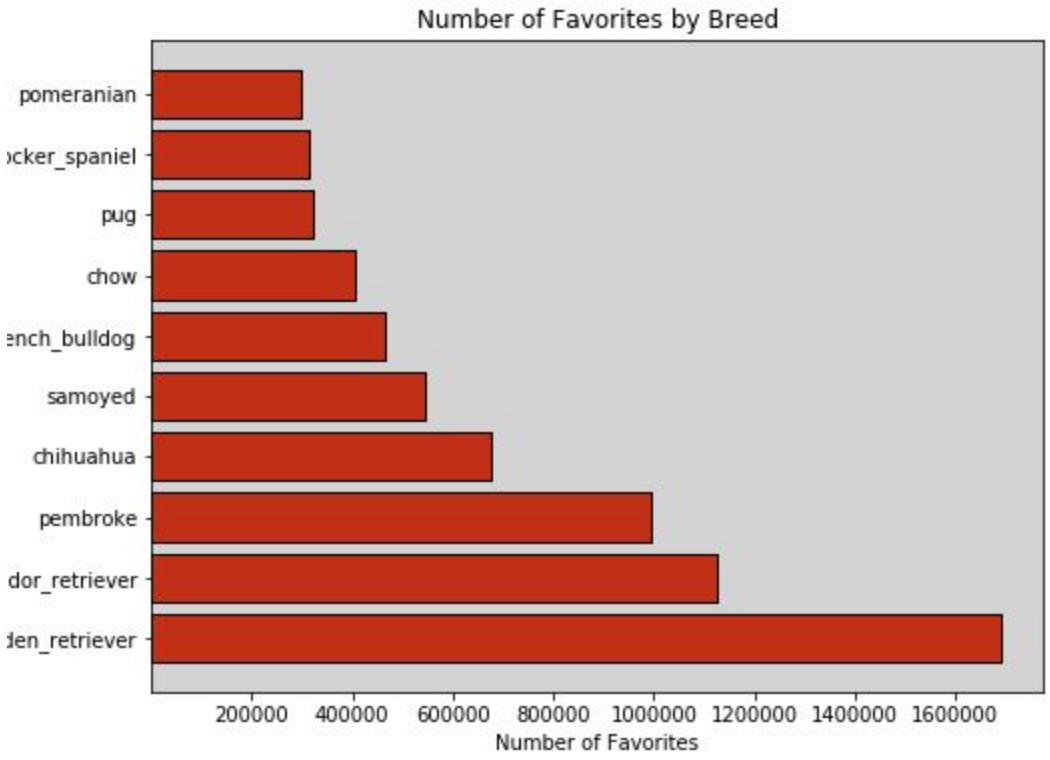
floofer 4

2. **The dog breeds with the most favorites**

This Analysis helped discover what breed of rated dogs got the most favorites or likes.

Interpretation

The below chart revealed that golden_retriver breeds of dogs attracted the highest count of favorites.



3. **Dog breed that had the most correct prediction**

   This Analysis helped discover what breed of dogs were mostly correctly predicted by the image neural network in the image prediction datasets.

   Interpretation

   golden_retriver breeds of dogs were the most correctly predicted of all dog breeds.