Analysing Report

The task was to include 3 insights and 1 visualization in this report.

To complete this project, I assessed and cleaned 3 different data sets and finally merged the tidy ones together. The data frame I've got to analyse after this process is called twitter_archive_master.csv, which I successfully saved on my local machine. Then I went on and proposed a few questions which I will base my analysis on:

- Which tweets are the absolute favourites?
- Which are the most common dog names posted?
- What are the most common breeds found by the neural network?

In the next few lines, I will share the insights I got from completing the analysis.

Insight 1: Which tweets are the absolute favourites?

I used .nlargest to determine which 5 dogs had the most favourite counts, ordered as:

Stephen with 116826
Bo with 85805
Kenneth with 72711
Lilly with 65276
Dexter with 52247

Stephen clearly won the race here!

Next in line is Obama's dog: [Bo](Bo)

WeRateDogs® @dog_rates · 2017. jan. 11.
This is Bo. He was a very good First Doggo. 14/10 would be an absolute honor to pet

[Kenneth](#) had the 3rd place in the bubble

WeRateDogs® @dog_rates · 2015. dec. 14.
This is Kenneth. He's stuck in a bubble. 10/10 hang in there Kenneth

[Lilly](#)made it to the 4th place

WeRateDogs®
@dog_rates

This is Lilly. She just parallel barked. Kindly requests a reward now. 13/10 would pet so well

Tweet lefordítása

Alexandra Gibson

And last but not least [Dexter](#)giving kisses:

WeRateDogs® @dog_rates · 2017. febr. 7.
This is Dexter. He was reunited with his mom yesterday after she was stuck in Iran during the travel Bannon. 13/10 welcome home

Insight 2: Most common dog names posted

I used .value_counts() and the basic plotting function of matplotlib to gather these findings.

Charlie, Lucy, Oliver, Cooper and Penny are the most commonly used names in these tweets in descending order as it can be seen on the bar chart below.
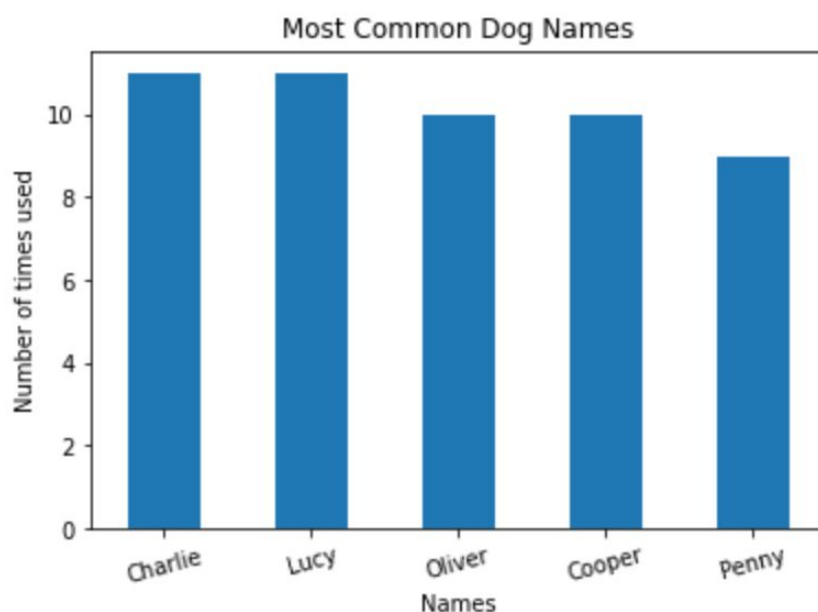
Insight 3: What are the most common breeds found by the neural network?

I used a simple value_counts function to determine the common breed in the p1 column.

It looks like the most common breeds are:
- Golden retriever with 74 dogs
- Labrador retriever with 51 dogs

- Chihuahua with 50 dogs