

# Nawaf Alhajri – act Report

## Wrangle and analyze data project

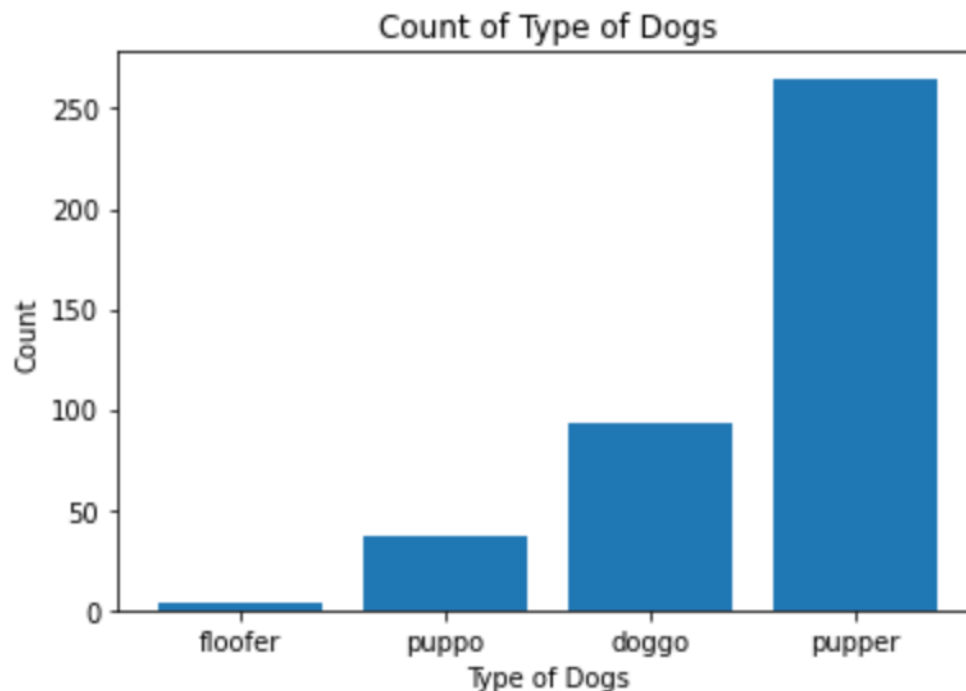
### Introduction:

In this report I will talk about my insight and my visualization, in my project I have two insights without visualization, and two insights with visualization.

What is the insight?

In my opinion the insight are the questions you have and your curious about something.

### Insight one :



I have been curious about the on Count of Dog Types and most famous dog type :In this insight I have used the method that called `value_counts()`, to count the dog

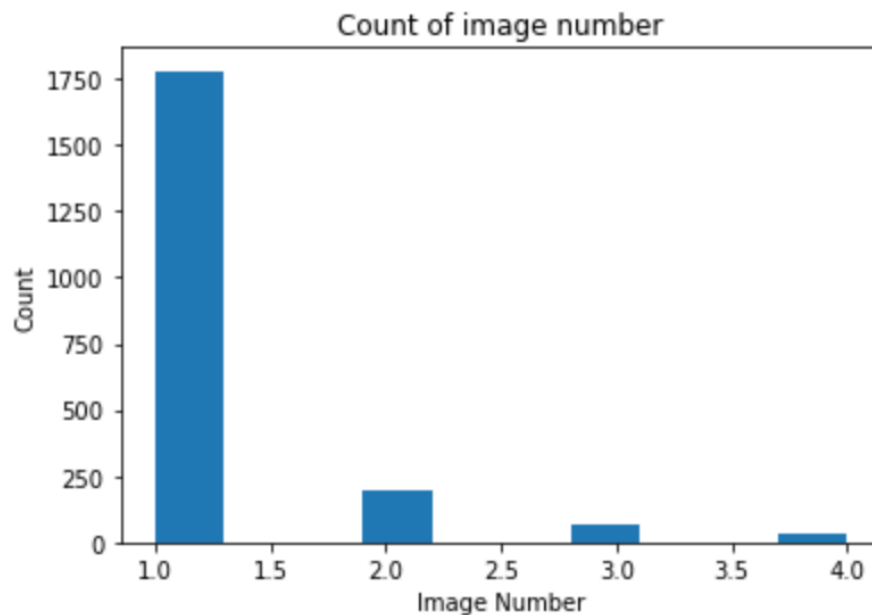
type most frequency , the result is the most famous dog type is PUPPER followed by Doggo then puppo and the last is floofer .

### Insight two :

have been curious about of image number have most number of image in tweet :

I have used here bar chart to show the most image number frequent image .

The visualization is shown below:



clearly the Image Number 1 is the most frequent image .

### Insight three :

In this insight I have used the method that called groupby(), to show the dog type with take average of all dog type with retweet column and then i applid the same fuction on Favorite column

to calculate the most dog type have retweet count and Favorite count.

Retweet count:

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```
dog_type
puppo      7113.518519
doggo      5656.395062
floofer    4155.888889
pupper     2178.352697
Name: retweet_count, dtype: float64
```

Favorite count :

```
dog_type
puppo      23792.111111
doggo      16424.209877
floofer    11064.444444
pupper     6351.261411
Name: favorite_count, dtype: float64
```

On average the most type have retweeted and favorites is pooupo dog type