wrangle_act-Copy1

July 31, 2022

DoggieTweets

The dataset presented here is the tweet archive of Twitter user @dog_rates, also known as WeRateDogs via Udacity

Visit Udacity Visit WeRateDogs twitter page

Now, since We got our master data. We can start analyzing.

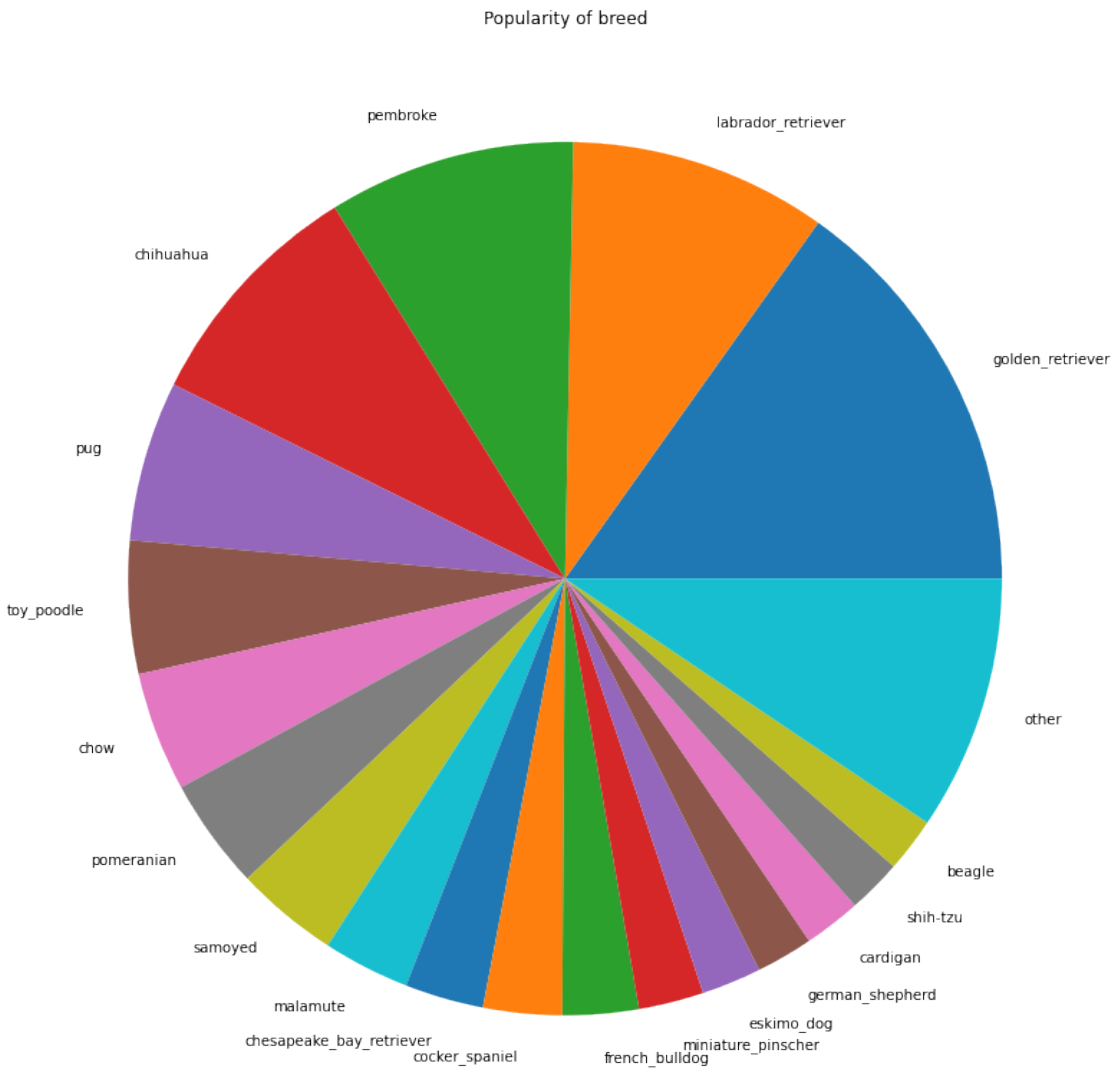
Let's check : 1. What is the most popular breed among the data? 2. Which dog has the highest rate among dataset? 3. Which dog has the highest amount of likes (twitter favorites) among the dataset?

Let's start with first one!

[64]:
```
masterdog['breed'].value_counts()
```

[64]:
```
golden_retriever      151
labrador_retriever     95
pembroke               91
chihuahua              88
pug                    59
                     ...
entlebucher             1
japanese_spaniel        1
standard_schnauzer      1
silky_terrier           1
irish_wolfhound         1
Name: breed, Length: 113, dtype: int64
```

[73]:
```
plotbreeds.plot(kind='pie',y=0,title='Popularity of␣
↪breed',figsize=(14,14),ylabel="",legend=False);
```



So, the answer to the first question is a Golden Retriever with 151 appearances. Top five breeds in dataset: Golden Retriever, Labrador Retriever, Pembroke, Chihuahua and Pug occured in almost 50% of all tweets on We Rank Dogs! Another 25% will be Toy Poodle, Chow, Pomeranian, Samoyed, Malamute, Chesapeake Bay Retriver and Cocker Spaniel.

What about the second one: Which dog has the highest rate among dataset?

[74]:
```
masterdog.where(masterdog['rating_numerator'] == masterdog['rating_numerator'].
↪max()).dropna()
```

[74]:
```
                                    timestamp  \
tweet_id
786709082849828864  2016-10-13 23:23:56 +0000
```

```
                                                                  source  \
tweet_id
786709082849828864  <a href="http://twitter.com/download/iphone" r…

                                                                    text  \
tweet_id
786709082849828864  This is Logan, the Chow who lived. He solemnly…

                                                           expanded_urls  \
tweet_id
786709082849828864  https://twitter.com/dog_rates/status/786709082…

                    rating_numerator  rating_denominator   name  \
tweet_id
786709082849828864              75.0                10.0  Logan

                                                             jpg_url  img_num  \
tweet_id
786709082849828864  https://pbs.twimg.com/media/CurzvFTXgAA2_AP.jpg      1.0

                    retweet_count  favorite_count       breed  breed conf.
tweet_id
786709082849828864         5722.0         17354.0  pomeranian     0.467321
```

And that is a winner. No questions asked ;)

Ok. Let's move to third question: Which dog has the highest amount of likes (twitter favorites) among the dataset?

[75]:
```
masterdog.where(masterdog['favorite_count'] == masterdog['favorite_count'].
↪max()).dropna()
```

[75]:
```
                                    timestamp  \
tweet_id
744234799360020481  2016-06-18 18:26:18 +0000

                                                                  source  \
tweet_id
744234799360020481  <a href="http://twitter.com/download/iphone" r…

                                                                    text  \
tweet_id
744234799360020481  Here's a doggo realizing you can stand in a po…

                                                           expanded_urls  \
tweet_id
744234799360020481  https://twitter.com/dog_rates/status/744234799…
```

```
                    rating_numerator  rating_denominator  name  \
tweet_id
744234799360020481              13.0                10.0  None

                                                                jpg_url  \
tweet_id
744234799360020481  https://pbs.twimg.com/ext_tw_video_thumb/74423…

                    img_num  retweet_count  favorite_count  \
tweet_id
744234799360020481      1.0        70570.0        144673.0

                                  breed  breed conf.
tweet_id
744234799360020481  labrador_retriever     0.825333
```

[126]:
```
masterdog.loc[744234799360020481,'jpg_url']
```

[126]:
```
'https://pbs.twimg.com/ext_tw_video_thumb/744234667679821824/pu/img/1GaWmtJtdqzZ
V7jy.jpg'
```

This dog is definitely in summer mood. Are You?

As a bonus I've downloaded all immages in doggies dataset and created mosaic using program Foto-Mosaik-Edda visit their page if You are intrested, here -> https://https://fmedda.com/en/home

[1]:
```
#count = 0
#for _ in doggies['jpg_url']:
#    img = r.get(_)
#    count +=1
#    with open ('img'+str(count)+'.jpg','wb') as f:
#        f.write(img.content)
#        f.close()
```

[ ]:
```

```