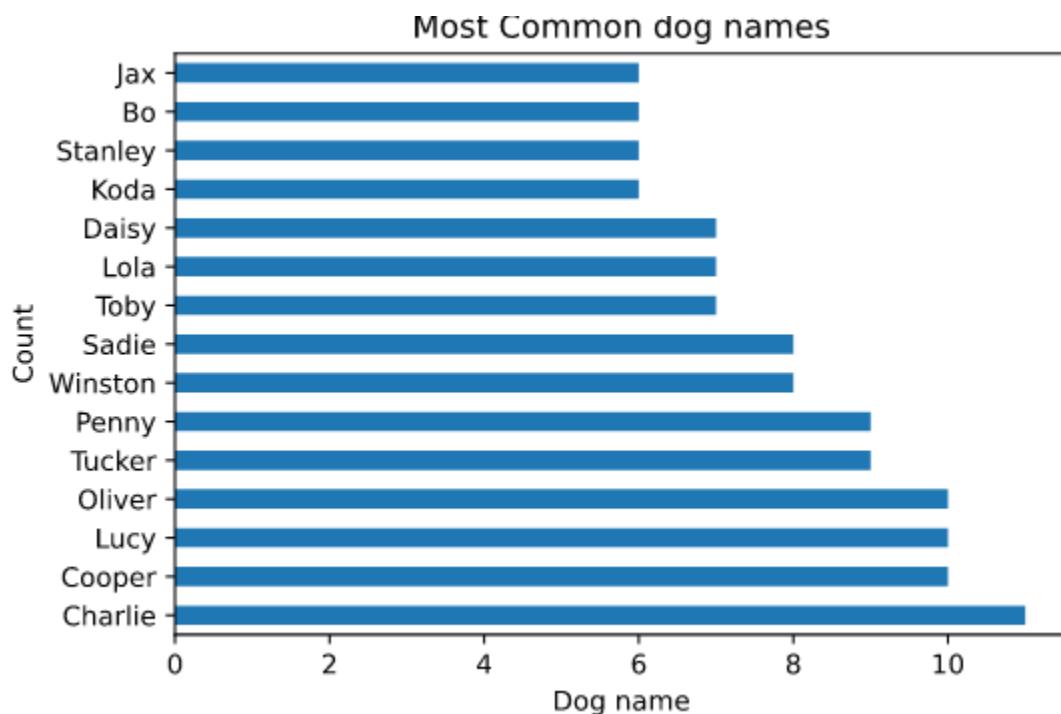


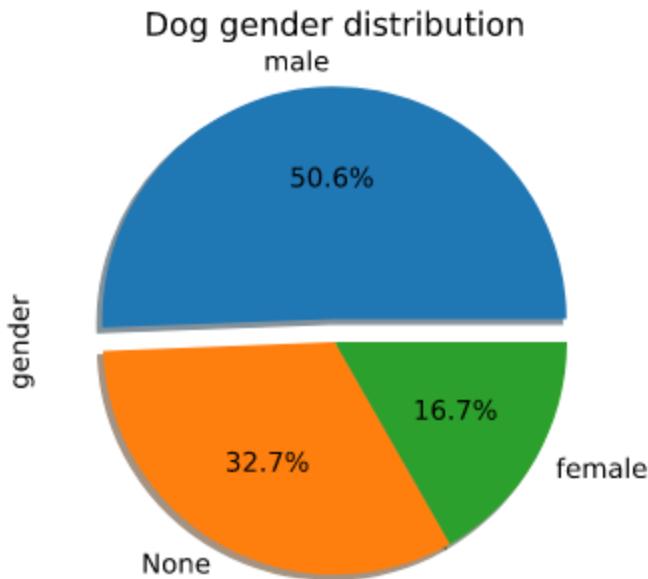
Step 5: Analyzing and Visualizing Data

1. Which is the most common dog name



- *The most common dog name is Charlie*

2. What is the distribution of dog genders



- *Male dogs are the most popular genders contributing to more than half of known genders*

3.Which is the most popular predicted dog breed in terms of retweets and favorites count

- *Top 10 Most retweeted breeds*

<i>prediction_breed</i>	
<i>Labrador retriever</i>	79515
<i>Chihuahua</i>	56625
<i>Eskimo dog</i>	52360
<i>Lakeland terrier</i>	48265
<i>English springer</i>	45849
<i>Standard poodle</i>	42228
<i>Cocker spaniel</i>	37911
<i>None</i>	33421
<i>French bulldog</i>	32883
<i>Whippet</i>	31989

- *Top 10 Most liked breeds*

<i>prediction_breed</i>	
<i>Lakeland terrier</i>	132810
<i>Labrador retriever</i>	131075
<i>English springer</i>	107956
<i>French bulldog</i>	106827
<i>Golden retriever</i>	85011
<i>Malamute</i>	75193
<i>Eskimo dog</i>	75163
<i>Chesapeake bay retriever</i>	71144
<i>Pembroke</i>	69871

Italian greyhound

68152

- *The most retweeted dog breed is Labrador Retriever followed by Chihuahua . It's interesting the same is not for favourites count with Lakeland terrier leading in the favorites and Chihuahua nowhere near the top ten*

4.Which is the most and least retweeted photo

- *Most retweeted*



- *Least retweeted*



5.Which is the most and least liked photo

- Most liked photo



- Least liked photo-we have quite a couple of photos with zero likes which we are going to sample for this purpose





