WeRateDogs Tweet data analysis

The analysis was carried out on tweets posted by the WeRateDogs twitter account between the periods of November 15, 2015 and August 1, 2017. A number of datasets was used in the analysis which includes:

- Twitter-archive-enhanced: This contained a collation of tweets and the corresponding tweet details provided by Udacity.
- Tweet json file: This contains details of the tweets which was accessed using the Twitter API and it was from this that the retweet counts and favourite counts for each tweet was extracted.
- Image predictions tsv file: This is neural network produced file that predicts the specie of the dog from the image provided in the tweet.

Some of the questions investigated by this analysis includes:

- Which dog breed was the most popular based on number of tweets?
- Which dog breed had the highest retweets per tweet?
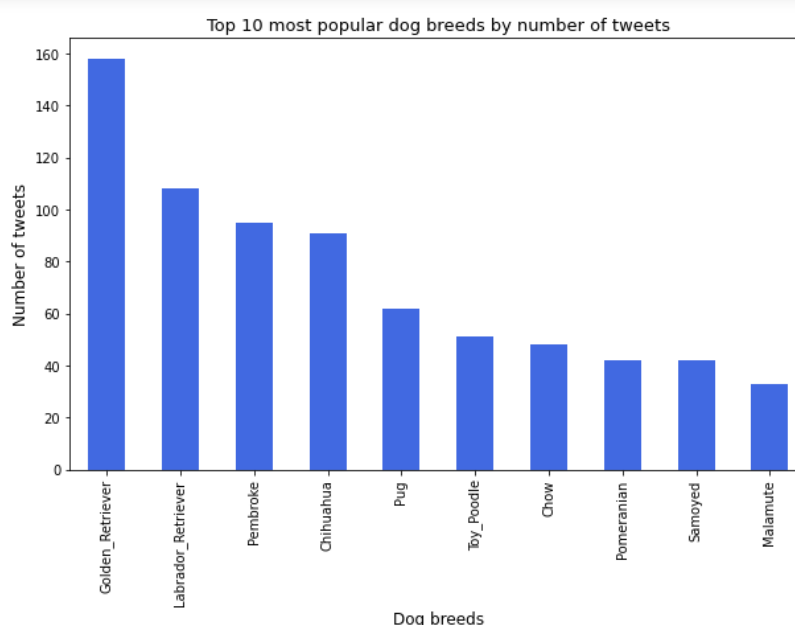- Which dog breed had the number of likes per tweet?

Fig 1

The Fig 1 above shows the top 10 most popular breeds by number of tweets on WeRateDogs. From the fig above, the **Golden_Retriever** appears to be the most tweeted about dog breed with a total of 158 tweets followed by the **Labrador_Retriever** with a total of 106 tweets.
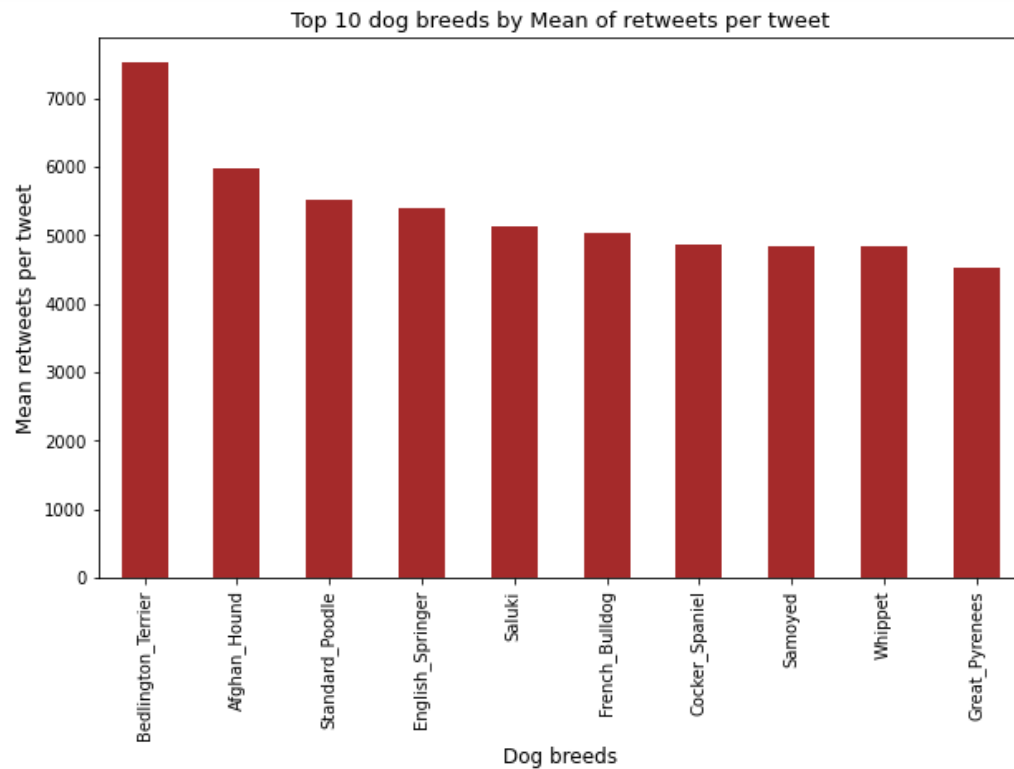
Fig 2

Fig 2 above shows the top 10 breeds with the highest number of retweets per tweet with the **Bedlington_Terrier** taking the lead with a mean of 7510 retweets per tweet followed by the **Afgan_Hound** with a mean of 5976 retweets per tweets.
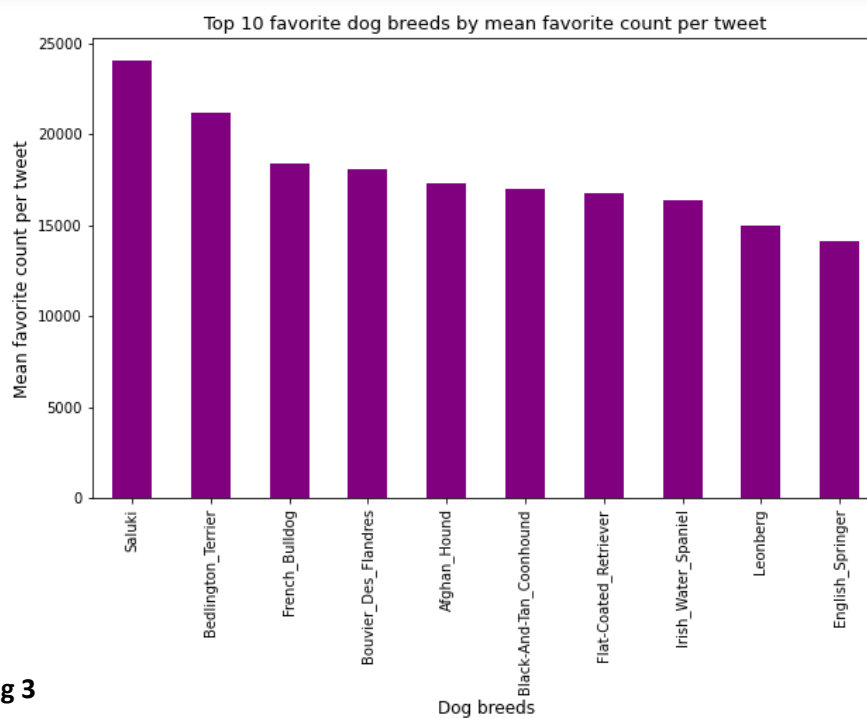

Fig 3

From fig 3 above, the **Saluki** breed happens to be the breed with highest number of likes per tweet with an average value of 24060 likes followed by the **Bedlington_Terrier** with a mean value of 21153.