

Report on Analysis and Visualization

Libraries used : pandas , matplotlib

My analysis is based on two questions on which I drew out four insights.

This analysis was carried out on the master dataset.

Questions:

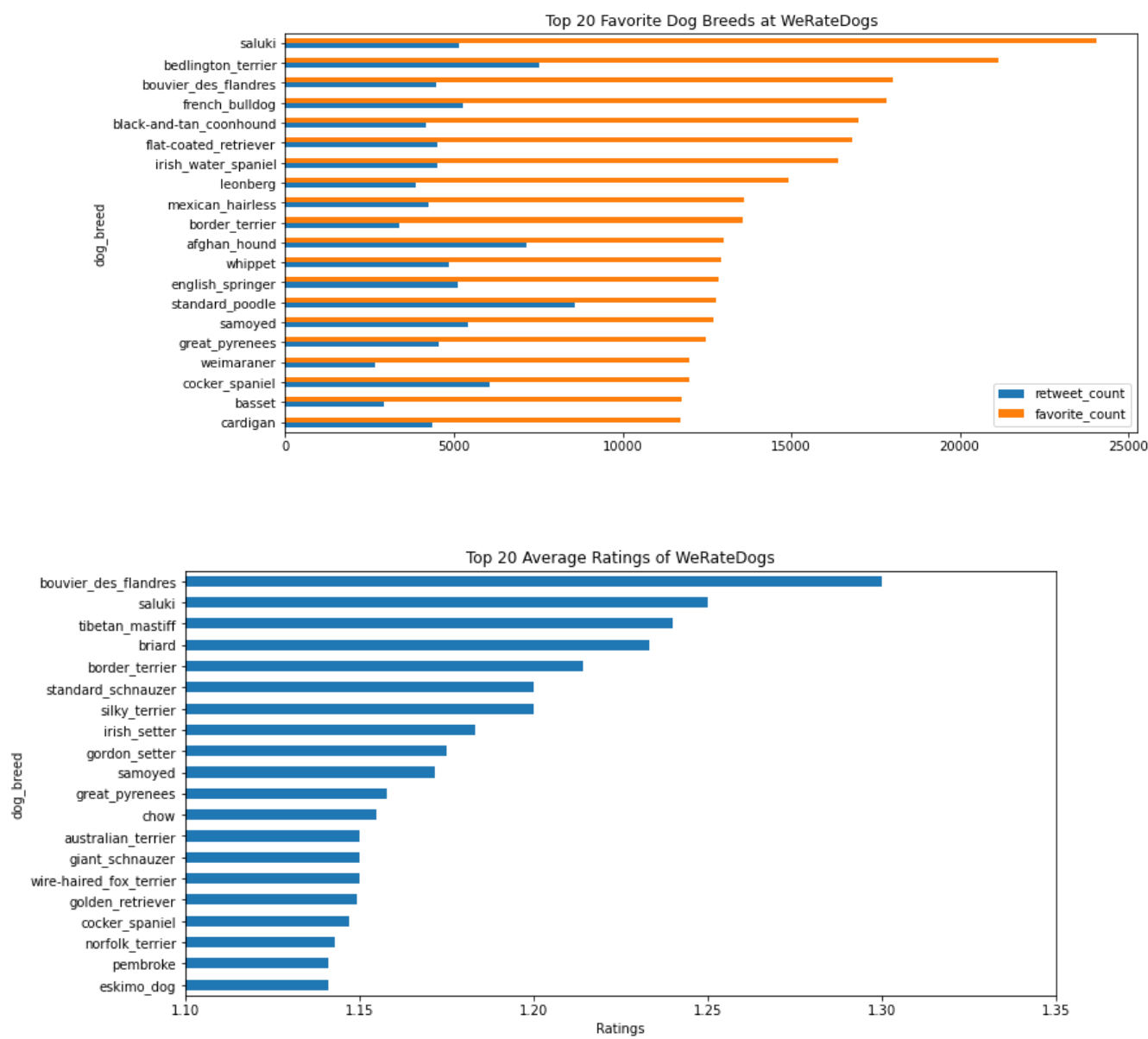
- 1. What dog breed has the highest retweet count and favorite count?
- 2. What’s the most rated and lowest rating dog breeds?

From the analysis:

- 1. The **Saluki** dog breed has the most favorite count followed by the **Bedlington Terrier** and **Bouvier des Flandres**.
- 2. The **Standard Poodle** has the most retweet count.
- 3. The **Bouvier des Flandres** is the most rated dog which an average rating of 1.3. Its followed closely by the **Saluki** which has an average rating of 1.25 and the **Tibetan Mastiff**.
- 4. The **Japanese Spaniel** has the lowest average rating of 0.5

Both Visualizations contain only the top 20 breeds based of each analyzed question.

Visualizations (Horizontal Bar Chats) were done using **matplotlib**.



Looking at the visualizations above The **Saluki** and **Bouvier des Flandres** occupies top positions. The Saluki is the most favored breed and also the second highest rating breed. The Bouvier des Flandres is the third most favorite breed and also the top/ highest rating breed. The **Tibetan Mastiff** and **Briard** although not having high favorite count, are top rated.

The **Bedlington Terrier** although being highly favored and having high retweet count, isn't among the top 20 rated breeds. This is also the case of the **Standard Poodle**. The 'terriers' and 'setter' breeds also seem to be highly rated.



A Saluki breed. Average Rating : 1.25