

Dog Breeds

2022-02-022

TidyTuesday

Join the R4DS Online Learning Community in the weekly #TidyTuesday event! Every week we post a raw dataset, a chart or article related to that dataset, and ask you to explore the data. While the dataset will be “tamed”, it will not always be tidy! As such you might need to apply various R for Data Science techniques to wrangle the data into a true tidy format. The goal of TidyTuesday is to apply your R skills, get feedback, explore other’s work, and connect with the greater #RStats community! As such we encourage everyone of all skills to participate!

Load the weekly Data

Data is from the Dog Breeds dataset found on the R For Data Science/TidyTuesday github

Thomas Mock (2022). Tidy Tuesday: A weekly data project aimed at the R ecosystem. <https://github.com/rfordatascience/tidytuesday>.

Readme

The idea behind this analysis is to, based on the ratings, find what is mathematically the best dog breed.

In the end what kind of dog breed is best for you is all about preferences, this is just meant to act as a “guide” based on the ratings I found

```
## # A tibble: 16 x 4
##   Trait                                Trait_1                                Trait_5 Description
##   <chr>                                <chr>                                <chr>    <chr>
## 1 Affectionate With Family            Independent                        Lovey-D~ How affection~
## 2 Good With Young Children            Not Recommended                  Good Wi~ A breed's lev~
## 3 Good With Other Dogs                Not Recommended                  Good Wi~ How generally~
## 4 Shedding Level                      No Shedding                      Hair Ev~ How much fur ~
## 5 Coat Grooming Frequency             Monthly                          Daily    How frequen~
## 6 Drooling Level                      Less Likely to Drool             Always ~ How drool-pro~
## 7 Coat Type                           -                                -        Canine coats ~
## 8 Coat Length                         -                                -        How long the ~
## 9 Openness To Strangers               Reserved                        Everyon~ How welcomin~
## 10 Playfulness Level                  Only When You Want To Play      Non-Stop How enthusias~
## 11 Watchdog/Protective Nature         What's Mine Is Yours            Vigilant A breed's ten~
## 12 Adaptability Level                Lives For Routine                Highly ~ How easily a ~
## 13 Trainability Level                 Self-Willed                      Eager t~ How easy it w~
```

## 14 Energy Level	Couch Potato	High En~ The amount of~
## 15 Barking Level	Only To Alert	Very Vo~ How often thi~
## 16 Mental Stimulation Needs	Happy to Lounge	Needs a~ How much ment~

The Ideal dog breed should have high ratings in the “positive” categories.

Some are subjective depending on a person’s lifestyle and preference but the ones I will rate on will be

- Affectionate With Family
- Good With Young Children
- Good With Other Dogs
- Openness To Strangers
- Watchdog/Protective Nature
- Trainability Level

I will list these traits with a negative value (i.e. these values will be subtracted from overall score)

- Coat Grooming Frequency
- Drooling Level
- Shedding Level
- Barking Level

