Project 2 – Seattle Pet Names

MTH 161 – Fall 2024

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2001-11-15

Part 1: choose a dataset and propose a question

Due Nov. 15th

Source:

Source: OpenIntro (https://www.openintro.org/data/index.php?data=seattlepets)

Research Question:

For this project, we want to explore the question "What are the most popular names for each species of pet in Seattle?"

Data

The data for this research question comes from Seattle's Open Data Portal and is provided by the city of Seattle. The data was last updated on October 12, 2024 with quarterly refreshes and the data set itself was created on January 24, 2017. Each observation is a pet license in Seattle and includes information (variables) such as license issue date, license number, animal's name, species, primary breed, secondary breed, and their zip code.

```
glimpse (seattlepets)
```

```
Rows: 52,519
Columns: 7
$ license_issue_date <date> 2018-11-16, 2018-11-11, 2018-11-21, 2018-11-23, 20~
$ license_number     <chr> "8002756", "S124529", "903793", "824666", "S119138"~
```

```
$ animal_name        <chr> "Wall-E", "Andre", "Mac", "Melb", "Gingersnap", "Co~
$ species            <chr> "Dog", "Dog", "Dog", "Cat", "Cat", "Dog", "Dog", "C~
$ primary_breed      <chr> "Mixed Breed, Medium (up to 44 lbs fully grown)", "~
$ secondary_breed    <chr> "Mix", "Dachshund, Standard Wire Haired", NA, NA, "~
$ zip_code           <chr> "98108", "98117", "98136", "98117", "98144", "98103~
```