



Cat and Dog Shelter Trends



Questions:

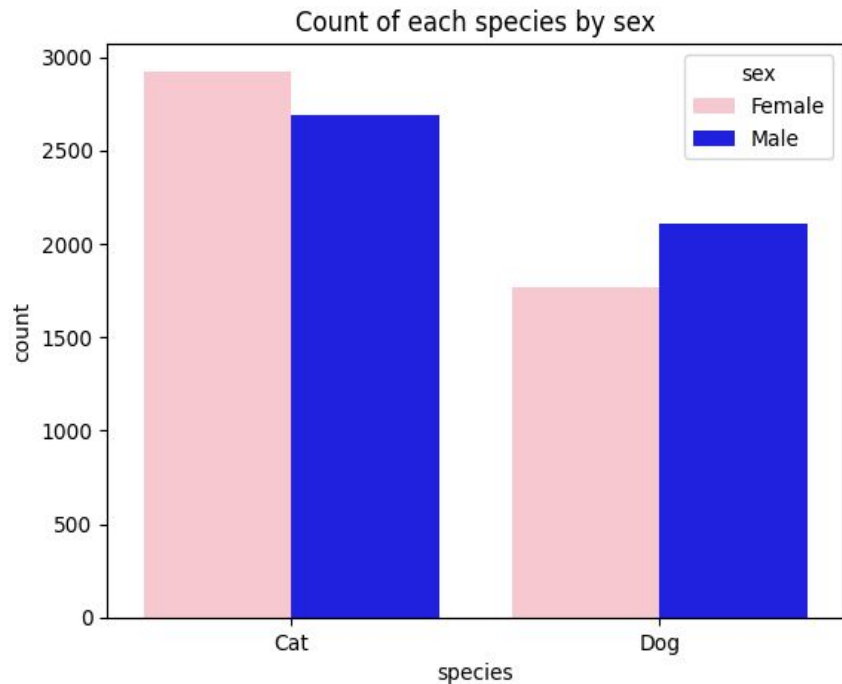
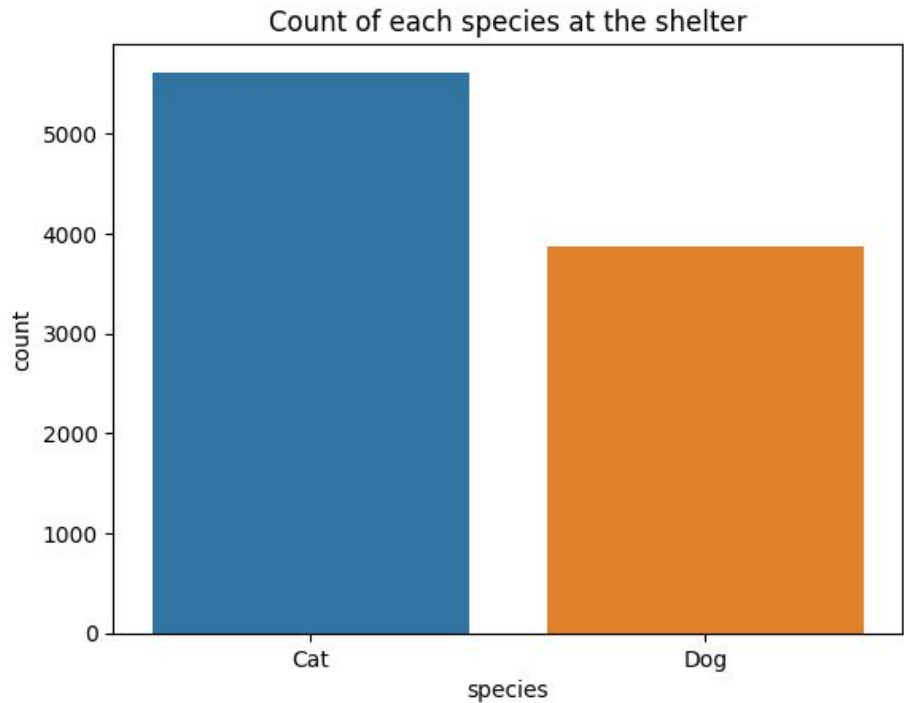
- Are cats or dogs more likely to be dropped off at the shelter?
- Are there more animals of a specific age, breed, or coat color?
- Most common reasons for intake?
- Most common reasons why animals are returned?
- Are there seasonal patterns for shelter intake, movement, and return?

The Data

Animal Care and Control Adopted Animals

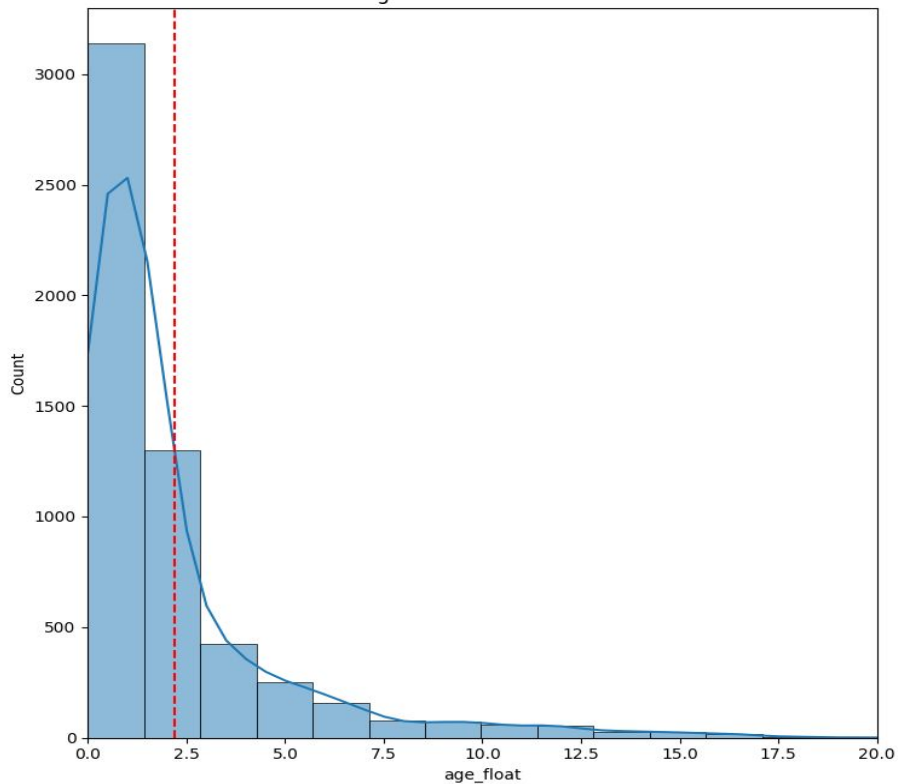
- <https://www.kaggle.com/datasets/jinbonnie/animal-data>
- Data from Bloomington Animal Shelter

Animals in the shelter by species and sex

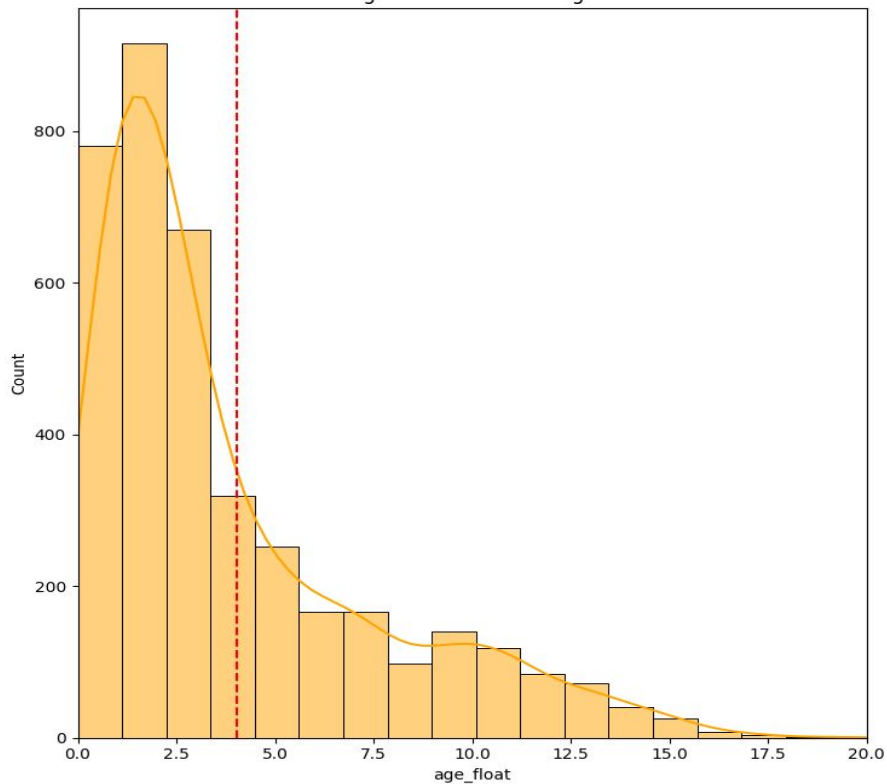


Age distribution by species

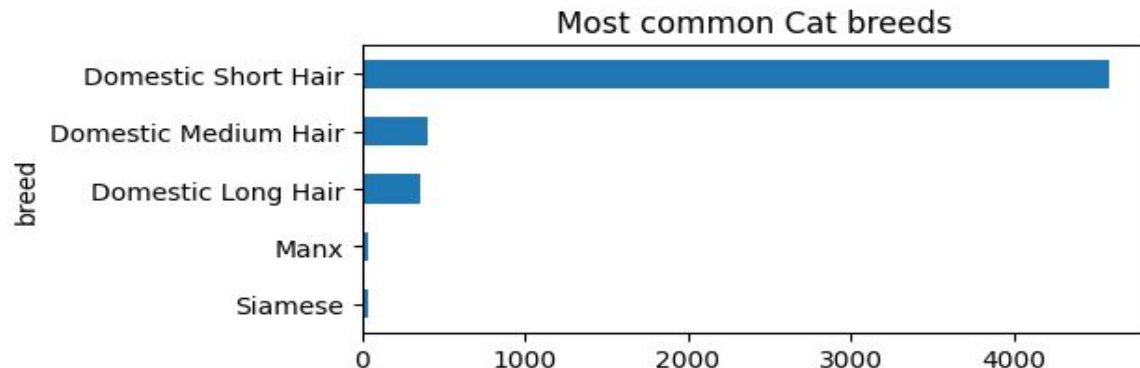
Age Distribution of Cats



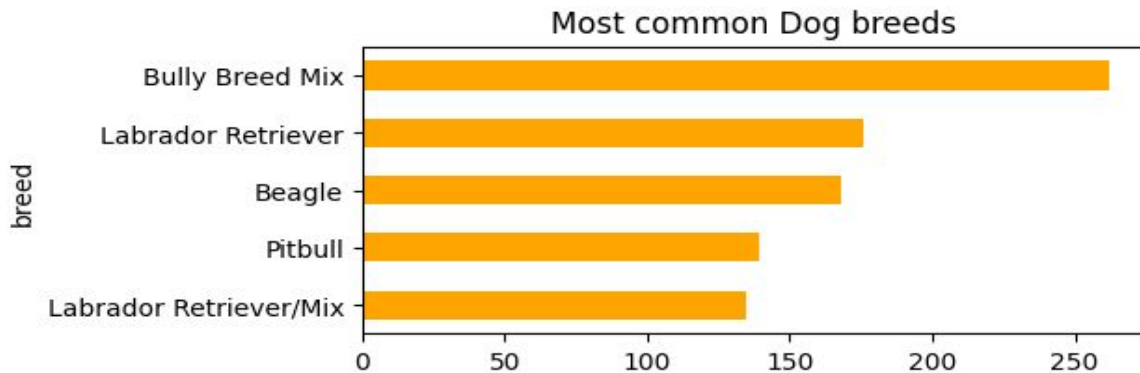
Age Distribution of Dogs



Shelter animals by breed

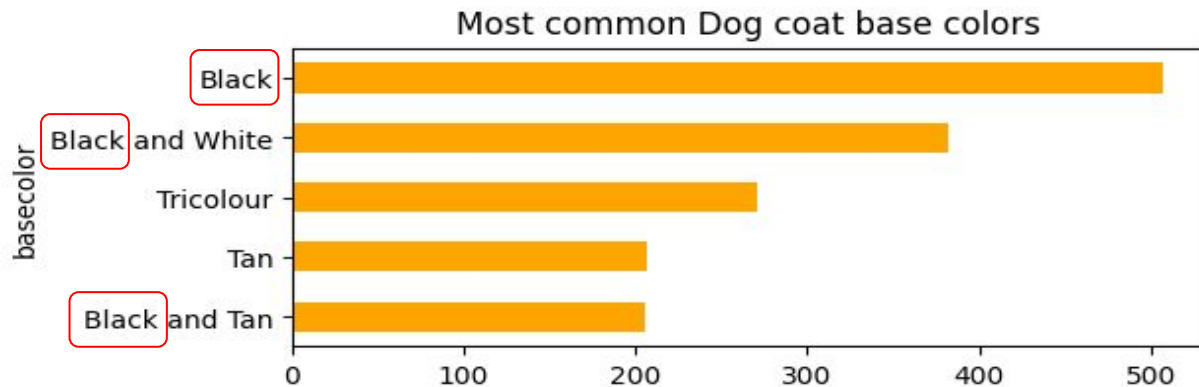
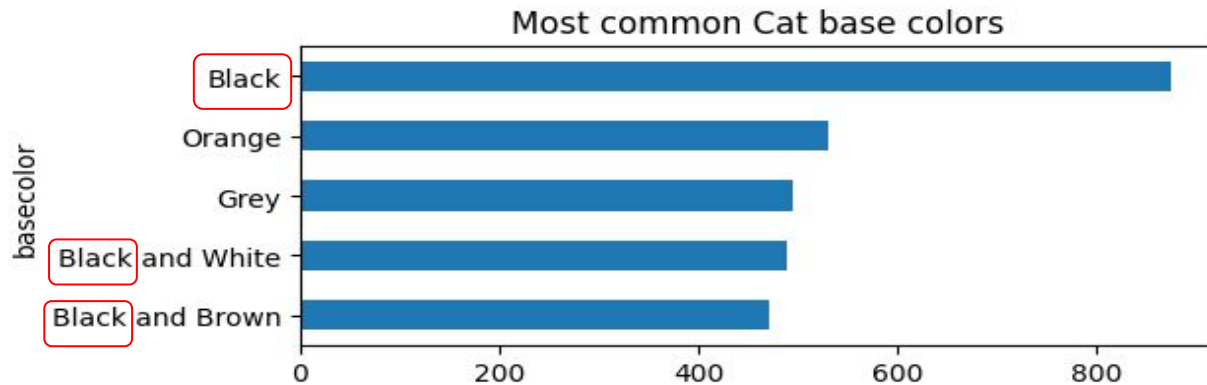


- Mostly mixed-breed cats

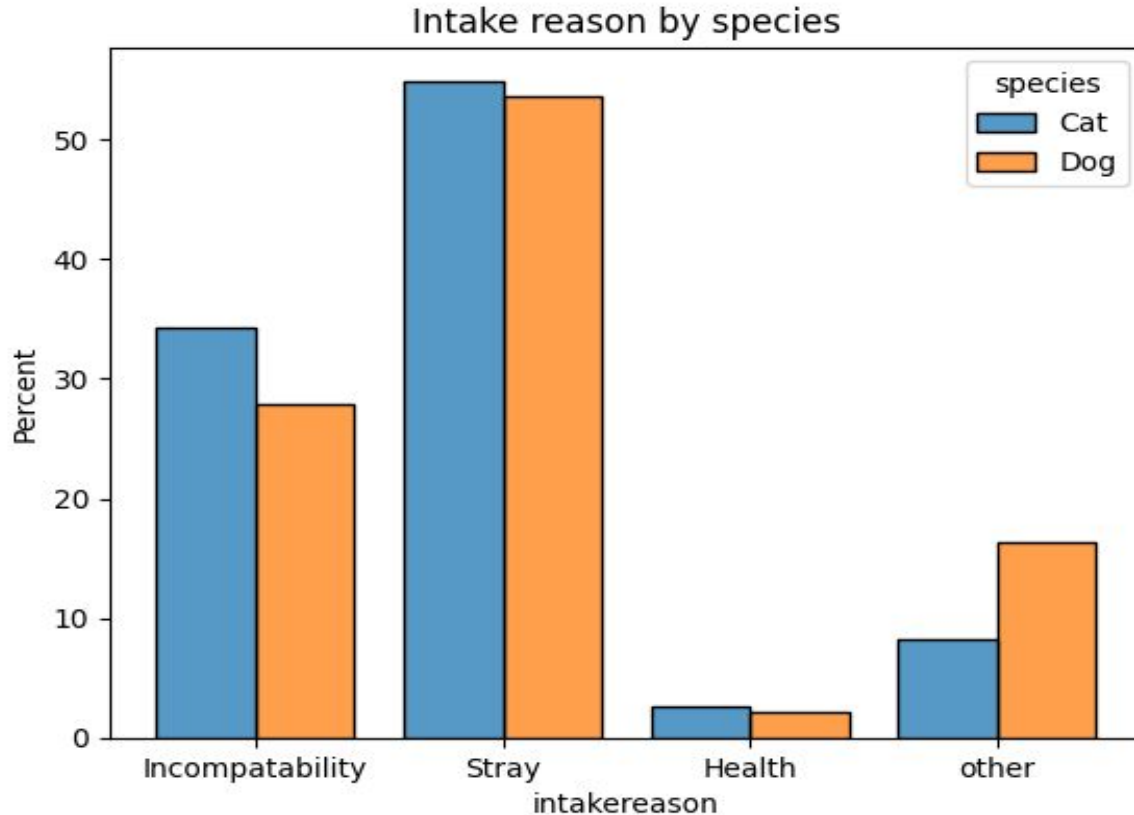


- Lab and bull mixes are the most common dog breeds

Shelter animals by color



Intake reasons



Incompatibility:

moving/lifestyle issues, litter box problems

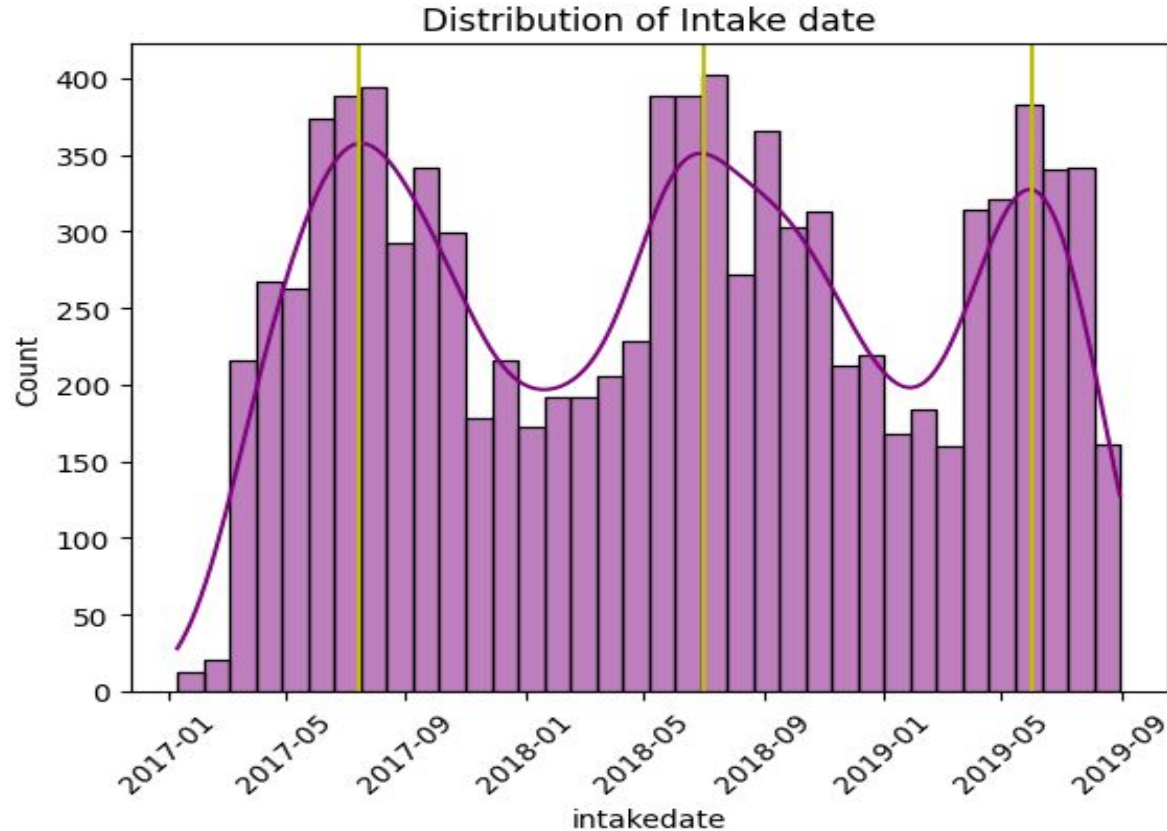
Stray:

stray, abandoned, TNR, owner died

Health:

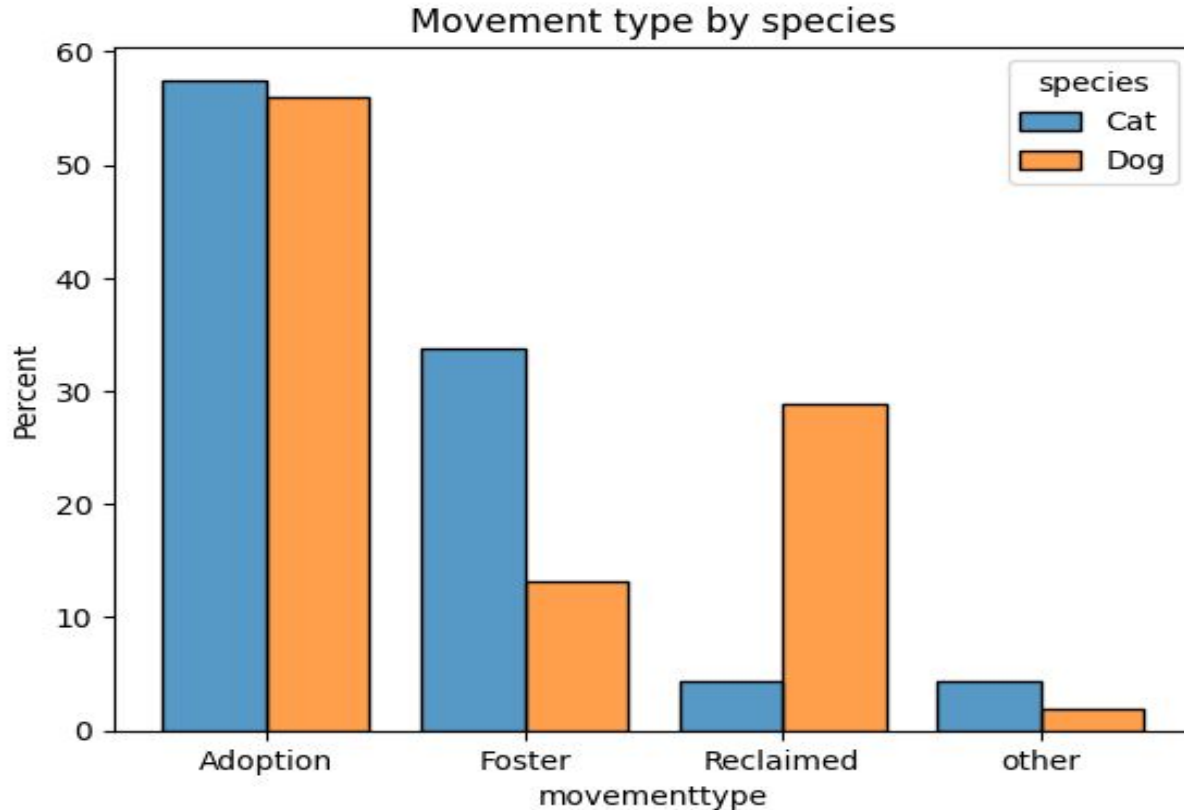
allergies, sick/injured, owner requested euthanasia

Distribution of Intake Dates



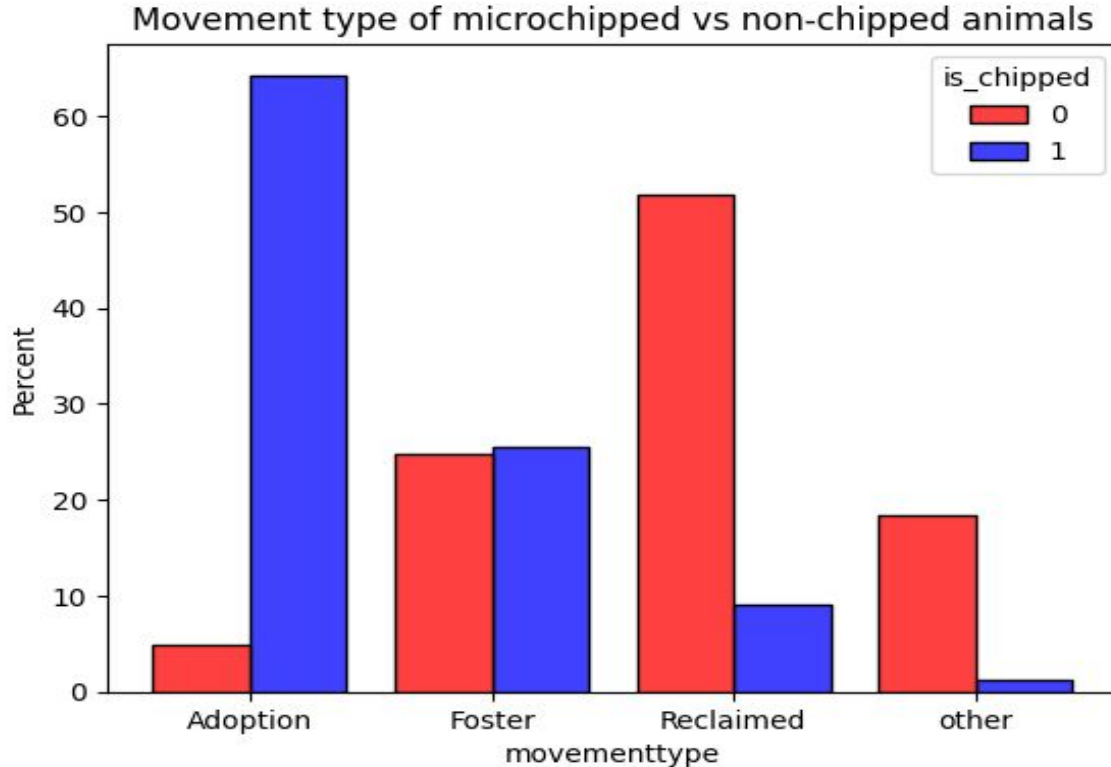
- Most common in summer
- Least common in winter

Movement type by species



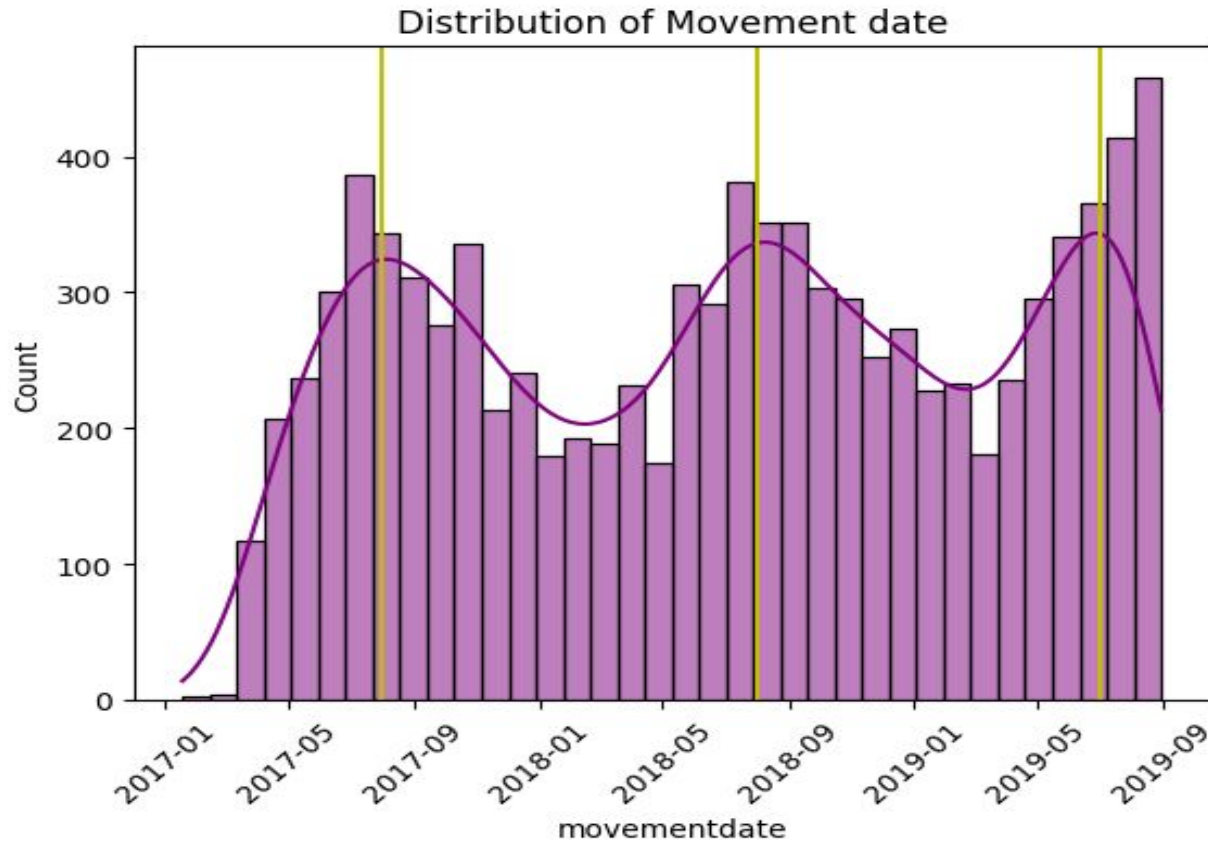
- **Other:** transfer, stolen, released to the wild, or escaped

Movement type: microchip status

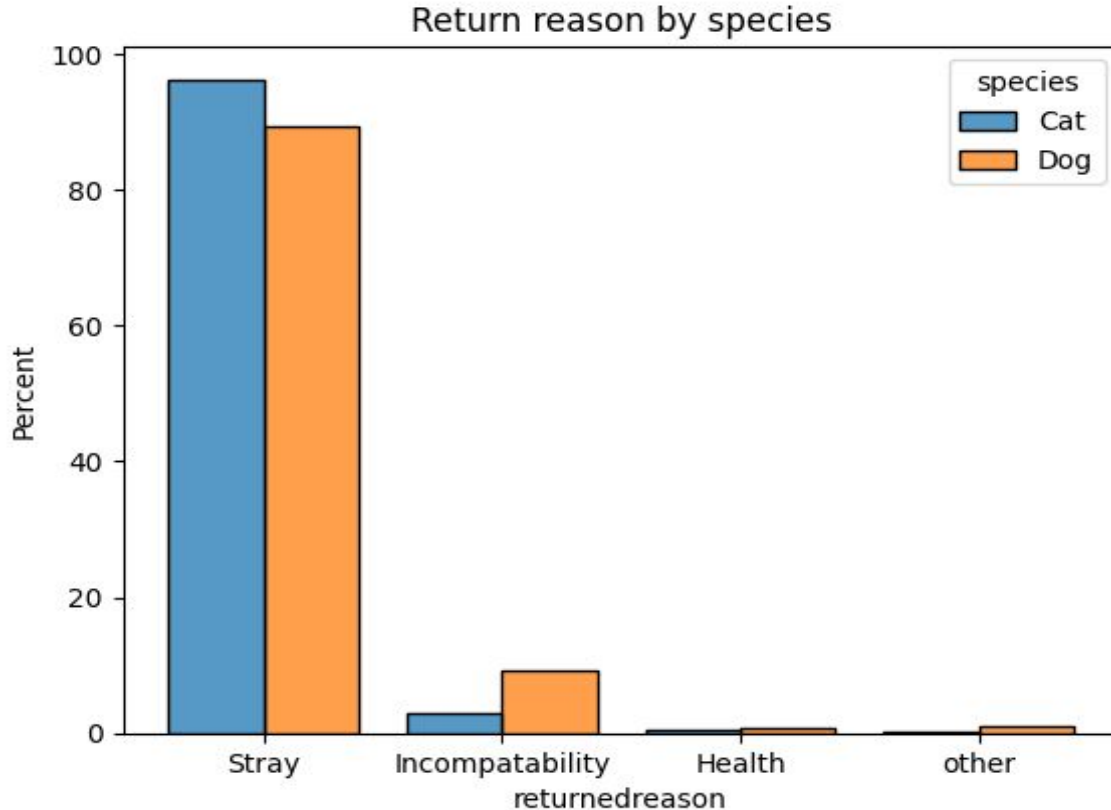


- ~**87.44%** of the animals were **microchipped**
- **Other:** transfer, stolen, released to the wild, or escaped

Distribution of movement dates



Return reason

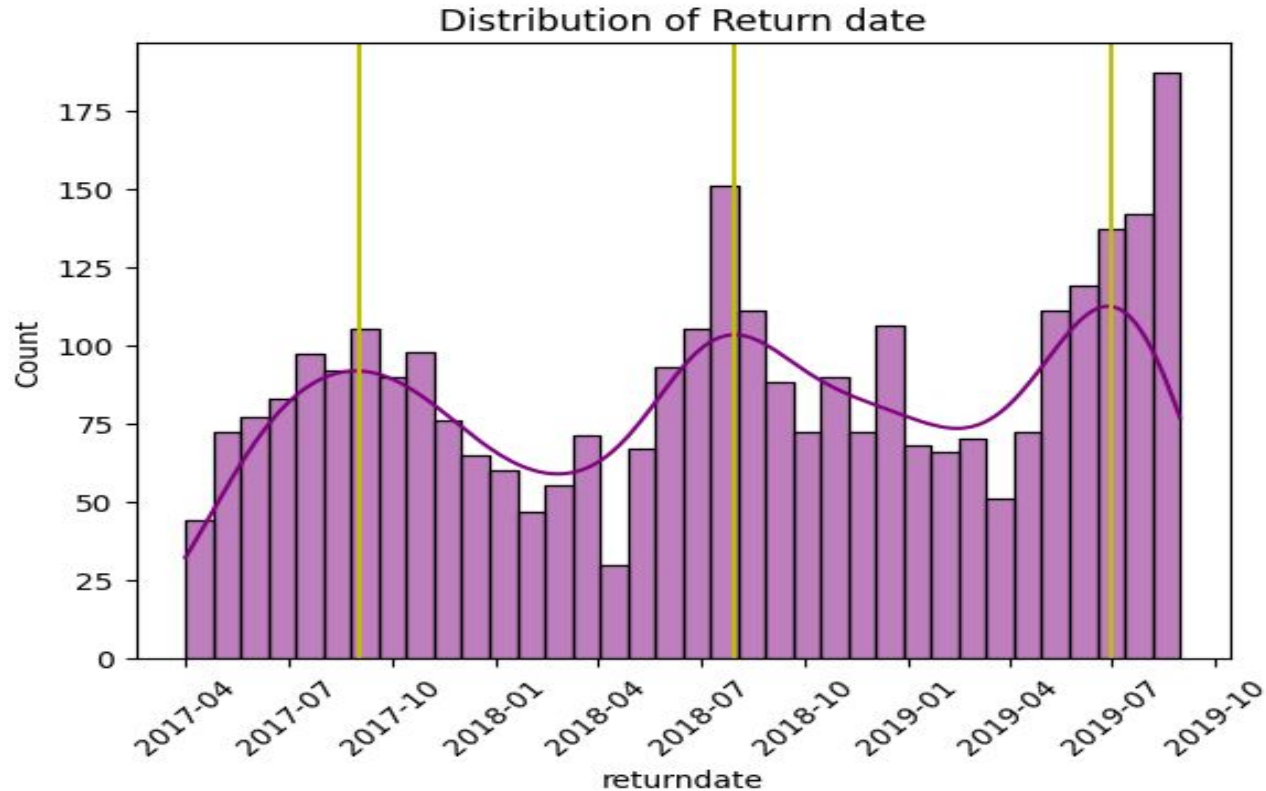


Incompatibility: moving/lifestyle issues, litter box problems

Stray:
stray, abandoned, TNR, owner died

Health:
allergies, sick/injured, owner requested euthanasia

Distribution of Return dates



Questions:

- Are cats or dogs more likely to be dropped off at the shelters?
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Answers:

- There are more **CATS** than dogs at Bloomington Shelter
- Most animals were young
 - Mean **cat** age: **2.5 years**
 - Mean **dog** age: **4 years**
- Most animals there have **BLACK** coats
- Mixed-breed cats, bully mix dogs, and lab mix dogs are most common
- Most animals in the shelter were **strays**, abandoned, or their owner died.
- **Incompatibility** with owner was the 2nd reason.
- Intakes, movements, and returns are **highest in summer**, and **lowest in winter**