

the Lake Humane Society (LHS) each year. As there is little to no research available on adoption patterns at animal shelters, this research aims to identify and examine whether specific traits in animals result in longer times in animal shelters, and to use this analysis to provide recommendations to minimize an animal's time spent in the shelter.

- Data consists of 2,355 *adopted* animals from the Lake Humane Society
 - 1,670 cats
 - 685 dogs
- faster adoption time were present.



25th percentile for adoption time

longest 25% of adoption times

Hypothesis tests were used to determine statistical



Analysis of Animal Shelter Adoption Times

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75th percentile and above for adoption time









Small

Recommendations & Future Work

- long adoption times

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Medium Large Figure 5. Median days in the shelter by cat size

Extra Large

 Increase promotional events for cats and mixed breed dogs: more virtual advertising or dedicating specific adoption events for these groups

Look into why seized/custody and strays have such

→ Suggestion: provide more socializing or

enrichment activities for these animals

•Elderly animals (≥15 y.o.) had some of the shortest

adoption times. More data is needed to form

conclusions due to small number of elderly animals. •Further investigate impact of COVID-19.

Acknowledgments