Team Members: Jim Cloud, Heather Mueller, Richard Xu

Project Title: IL Animal Welfare Outcomes

Description: Analyze shelter animal statistics for trends in adoption, euthanasia, and return to owner

Data:

Illinois Department of Agriculture Animal Shelter license renewal sheets

Shelter Animals Count Data

3-5 Initial research questions:

1. Differences between adoption, euthanasia, and return to owner rates between different kinds of pets.
2. The effect of location on volume of adoption, euthanasia, and return to owner rates. Which counties have the highest/lower amount, does this have correlation to population size or income levels?
3. Illinois trends for intake, adoption, return to owner, and euthanasia over time.
4. Does listing a business email have any effects of rates?

Techniques & tools:

Excel, Pandas, Matplotlab, Numpy

Data Shortcomings:

* Accuracy and participation of self-reported data
* Lack of standardization and verification for information