Team Members: Heather Mueller, Richard Xu, Jim Cloud

Project Title: IL Animal Welfare Outcomes

Description: Analyze shelter animal statistics for trends in adoption, euthanasia, return to owner, ect based on social media and population metrics.

Data:

Illinois Department of Agriculture Animal Shelter license renewal sheets

Shelter Animals Count Data

US Census API

Facebook, Instagram, ect.

3-5 Initial research questions:

1. How does social media outlets for shelters impact shelter impact outcomes of the shelter animals?
2. How does population impact the outcomes of the animals in shelters?
3. What are the Illinois trends for intake, adoption, return to owner, and euthanasia over time.

Techniques & tools:

Excel, Pandas, Matplotlab, Census API, Social media API/scrapers

Data Shortcomings: