Data Cleaning Challenges

* Color column-split, sort and combine
* Merge Intake and Outcome CSVs- Michelle
* Breed column- split and categorized-Michelle working on
* Add Mix column for Breed- Anna
* Age- Bin into groups- Jordan
* Sex- Column for Male/Female, Column for Spayed/Neutered- RoseAnne
* Add length of stay column after merge
* Add size column based on Breed from AKC groups
* Create column for multiple intakes (is this a yes no? i.e. multiple intakes 1 for yes and 0 for no)
* 20 duplicate rows

2nd Segment To do’s

* Database integration
* ML model
* Start Dashboard presentation (Module says Google Slides)

Additional questions of the data

* Can we determine which factors have the most impact on adoptability
* Can we predict length of stay in the shelter using the features from the dataset?
* Does fostering have any impact on adoptability? – might be better for after analysis is complete if time permits.

Goals of the Analysis

* Increasing adoptability
* Decreasing euthanizing when possible (not due to health or behavioral concerns) \*\* dataset is from no kill shelter, so the data might not help with this.
* Improve use of shelter resources

Additional info to find for Presentation

* # of animals in shelters, percentage adopted and euthanized- nationwide

Presentation Visualizations

* Tableau
* Webpage dashboard- time permitting