**EDA: Animal Shelter Effectiveness**

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The outcome of my EDA was mostly confusion if I am being honest. I do not think I was able to get down to the data at a level that was digestible or useful for what I wanted to accomplish. I wanted to establish any relationship or correlation between different variables and the outcome in the shelter for an animal, such as adoption or euthanasia. I had a really challenging time since a lot of my data was not numerical, which I realized later that maybe I should have categorized the data and converted them to numbers with a key for easier analysis. I also had a really tough time applying the concepts to a totally different dataset after working with the same data all semester.

I think I missed some major things during the analysis, like establishing a correlation between any variables. I think a sample or just working with subset of breeds would have worked better since the dataset is large and variables like breed and color are extremely oversaturated with options. I would clean that up and take a sample of the highest occurring breeds or colors if I were to do a project like this again in the future.

I think a variable that could have helped me would be the length of time they were in the shelter from intake to outcome. I think this could aid in the prediction process to know the average stay for certain animal profiles.

Overall, I struggled to accomplish what I wanted to with this dataset and could use a lot more practice to feel comfortable with EDA in the future. I think going through this process helped me know what data types to look for in the future or know to convert to certain type to make analysis easier and more actionable.