

Week 10 Diary Entry

What is your project about?

Pet Ownership

What is the data you plan to use?

One dataset that I would be using would be from <https://data.montgomerycountymd.gov/Public-Safety/Adoptable-Pet-Population-by-Type/tdbk-bfe5> which will be filtered to show how many animals are up for adoption due to pet abandonment.

What is the question you plan to answer?

What are the challenges associated with pet ownership, such as pet abandonment and abuse, and what policies or measures are in place to rectify these issues?

Why is this an important question?

According to the American Pet Products Association report, the global pet population is estimated to be around 474 million. Pets provide unparalleled companionship and emotional support to their owners, yet, approximately 6.5 million companion animals enter animal shelters each year (American Society for the Prevention of Cruelty to Animals). This question is important in raising awareness about this paradoxical phenomenon and understanding it better through data.

Which rows and columns of the dataset do you plan to use, to answer this question?

I would be using the columns "Intake Type" and "Animal Type". Given that there is a broad category of "Others" under "Animal Type", I would also be using the column "Animal Breed" to further identify the type of animal (for example, Guinea Pigs and Rabbits are mentioned under "Animal Breed" but labeled as "Others" under "Animal Type"). After filtering out the different types of intakes, I am left with 90 rows of different types of animals that are available for adoption.