

Dog Shelter Outcomes Dataset

The dataset is a preprocessed and modified combination of two datasets:

1. Austin dog Center

<https://www.kaggle.com/datasets/aaronschlegel/austin-dog-center-shelter-intakes-and-outcomes> The Austin dog Center is the largest no-kill dog shelter in the United States that provides care and shelter to over 18,000 dogs each year. As part of the AAC's efforts to help and care for dogs in need, the organization makes available its accumulated data and statistics as part of the city of Austin's Open Data Initiative.

The data contains intakes and outcomes of dogs entering the Austin dog Center.

2. Dog breeds details

<https://www.kaggle.com/datasets/warcoder/dog-breeds-details> contains information about dog breeds, such as

- height,
- weight,
- and lifespan.
- After that, there are 12 columns that represent different attributes of dog breeds like coat length, playfulness, and trainability. These columns have values ranging from 0 to 5. Example: A breed with energy value 5 shows that the corresponding breeds have very high energy.

Variables

- **date_of_birth**: The birth date of the dog.
- **outcome_subtype**: The subtype of the outcome
- **outcome_type**: The type of outcome (e.g., adopted, euthanized, returned to owner, etc.).
- **sex_upon_outcome**: The sex of the dog at the time of the outcome.
- **outcome_datetime**: The date and time when the outcome occurred.
- **breed**: The breed of the dog.
- **color**: The color of the dog.
- **found_location**: The location where the dog was found.
- **intake_condition**: The condition of the dog at the time of intake (e.g., healthy, injured, etc.).
- **intake_type**: The type of intake (e.g., stray, owner surrender, etc.).
- **sex_upon_intake**: The sex of the dog at the time of intake.
- **count**: The count of dogs.
- **intake_datetime**: The date and time when the dog was taken into the shelter.
- **breed_min_life_expectancy**: The minimum life expectancy for the breed.
- **breed_max_life_expectancy**: The maximum life expectancy for the breed.
- **breed_max_height_male**: The maximum height for male dogs of the breed.
- **breed_max_height_female**: The maximum height for female dogs of the breed.
- **breed_max_weight_male**: The maximum weight for male dogs of the breed.
- **breed_max_weight_female**: The maximum weight for female dogs of the breed.

- **breed_min_height_male**: The minimum height for male dogs of the breed.
- **breed_min_height_female**: The minimum height for female dogs of the breed.
- **breed_min_weight_male**: The minimum weight for male dogs of the breed.
- **breed_min_weight_female**: The minimum weight for female dogs of the breed.

A specific score was simulated for each dog based on its breed.

- **good_with_children**: Indicates how well the dog typically gets along with children.
- **good_with_other_dogs**: Indicates how well the dog typically gets along with other dogs.
- **shedding**: Indicates the shedding level of the dog.
- **grooming**: Indicates the grooming needs of the dog.
- **drooling**: Indicates the drooling tendency of the dog.
- **coat_length**: The length of the dog's coat.
- **good_with_strangers**: Indicates how well the dog typically gets along with strangers.
- **playfulness**: Indicates the playfulness level of the dog.
- **protectiveness**: Indicates the protectiveness level of the dog.
- **trainability**: Indicates how easy the dog is to train.
- **energy**: Indicates the energy level of the dog.
- **barking**: Indicates the barking tendency of the dog.