

Team Members:

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Classification Project Proposal

Business Problem:

A non-profit organization is sponsoring an animal shelter that is struggling with the decline of the adoption rate. Studying the features that make animals more likely to get adopted and paying attention to features that make animals stay longer in the shelter and find solutions to help them find a new home.

Data:

The Shelter Animal Outcomes dataset was acquired from Kaggle, the data is split into three files: test, train, and sample submission.

These features will be used to identify the outcome of animals:

1- name

2- age

3- sex

4- outcome

5- sub outcome

6- breed

7- color

8- type

9- date

10- id

Number of observation: ~26k

Tools:

Tools: Python, Jupyter Notebook.

Libraries: Pandas, SeaBorn, Numpy, Sci-Kit Learn.