

Group 17: Pet Adoption Dashboard

With the goal of developing an informative and dynamic platform, our dashboard focuses on presenting adoption statistics for several categories such as species, breed, city, and age-group. The overview board, which is separated into two sections: the highest statistics board and the general statistics board, is the main component of our dashboard. The values on this overview board alter based on the choices.

The adoption rate of each breed across different age groups is seen in the age versus breed table. Instead of counting the number of pets adopted in each city, we focused on the total percentage of pets adopted in each city. The graph on the right depicts the adoption trend over the chosen time period. The year-by-year time slides allow the user to select the time range for which they want to examine the information. The adoption by origin table displays the number and trend of pets of various origins, whilst the month-by-month graph displays the adoption and euthanization count for each month.

We introduced deep-down buttons to make the dashboard more engaging. By clicking on these buttons, users can adjust the information they see. This dashboard can assist in making key pet adoption decisions, such as designing a campaign to increase donations and adoptions. Resources can be spent to rescue more of these pets by examining the adoption count of a certain pet and knowing its origin. For example, the DSH is the most adopted cat breed, and by observing where it comes from, such as stray cats, more resources can be devoted toward rescuing and training DSH stray cats.

Furthermore, the city-wise graph can be used to discover cities with high adoption rates, and advertising campaigns in such cities can increase donations and adoptions. If the goal is to determine the optimal time to launch a campaign, the month-by-month trend graph can reveal which month has a higher adoption rate. The dashboard can also help with resource allocation based on pet demand. For example, by evaluating the adoption of DSH breed cats, it is possible to establish which sort of origin, such as stray cats, is being adopted more frequently, thereby guiding resource allocation.