

PetFinder: Predicting Adoption Speed of Pets

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Outline

- 1 Motivation
- 2 Experiment and Results
- 3 Discussion

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Motivation

- ❶ In the midterm I used XGBoost to predict the adoption speed of pets. The quadratic weighted κ is 0.4694.
- ❷ I did not consider the sparsity of the categorical variables such as the breed and color of the pets.
- ❸ Therefore, in this project I employ an embedding layer to deal with the categorical variables and combine it with continuous features to build a neural network model.

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Experiment and Results

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Discussion

