1st Slide- Intro

* Hello everyone, my name is Eric Lin, today I'm going to present my project—a recommendation system designed to help college students find the perfect dog breed for them

2nd Slide-

* I decided to mostly focus on what dogs college students would want since that’s something I can relate to, and it also narrows down the data that can be used for this system.

3rd Slide

* I got my data from a dog breed dataset on Kaggle which includes data about different attributes of over 349 different dog breeds.
* Some of the attributes include the dog's ability to stay home alone, its barking tendencies, and other relevant categories.
* For my system I decided to focus on attributes that are suitable for college students like how well it adapts to living with multiple people like roommates, how loud they are which is important for apartments etc (Et cetera).

4th Slide

* In my final project, I used linear regression, logistic regression, and ridge regression to analyze how different dog breed attributes relate to their suitability for apartment living.
* I also visualized the data and used similarity to provide the top 10 rankings of dog breeds based on user preferences.

5th Slide

* To make the system user-friendly, I created a simple user interface where users can input their preference features from a provided list.
* The system then generates a list of dog breeds best suited for the user, based on the similarity of their selected attributes.