1st Slide- Intro

* For my project I decided to make a recommendation system for college students to decide what dog breed is best suited 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 these attributes include information about the dog’s ability to stay home alone, how much it barks and other categories as well
* 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.

4th Slide

* In the final project, I used linear regression, logistic regression, and ridge regression to analyze the relationship between dog breed attributes and their suitability for apartment living. Meanwhile, visualize the data. And I also use similarity to give the top 10 rank of breeds.

5th Slide

* I have created a user interface that user can type the preference features that provide in the list, the system then produces a list of dog breeds best suited for the user depending on the similarity of what they picked.