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CS 677

Project Proposal

For my final project, I would like to analyze an abalone dataset I found on the UCI Machine Learning Repository. The goal of my project is to come up with a good model for predicting the number of rings on an abalone's shell based on other characteristics such as height, weight, etc. For this I will compare the knn algorithm with the linear regression algorithm and I will also create my own simple classifier to compare with.

Here is a link to the dataset:

<https://archive.ics.uci.edu/ml/datasets/abalone>