

Lowest CO₂ Avg
Highest CO₂ Avg-

Because of the nature of the question we were trying to answer, we decided to use a continuous ML model, more specifically a linear Regression.

After our mock data trial, we decided to use 4 different types of linear Regression models

- S
- m
- R
- L

// different inputs

The variables we decided to use consisted of the weight, size, Port size, engine power, etc

After making multiple tests for each model, the best result came from our Ridge Regression model, which had the highest accuracy score, and had a very low Mean Squared Error.

However our multi linear Regression model came very close.

For our best test, we used 80% training, 20% testing a penalty of 1 and just 9 variables were used.