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MSDS 20075

Assignment 2 Report

# Pre-processing Done for both datasets:

1. Removed columns with null values
2. Removed uncommon columns
3. Checked if there are any null values in remaining columns
4. Encoded and scaled columns
5. Removed all outliers using IQR
6. Split the dataset into training, testing with 0.2 ratio

# Algorithms:

1. Linear Regression
2. Polynomial linear regression with degree 2
3. Ridge Regression
4. Lasso Regression

## Heatmaps:

Different heatmaps because our predicted values are not the same as actual values