DIAMOND DATASET – RIDGE REGRESSION – L2 REGULARIZATION

Loss value : 0.0032008790849745

Actual vs. Predicted Values (Ridge Regression)
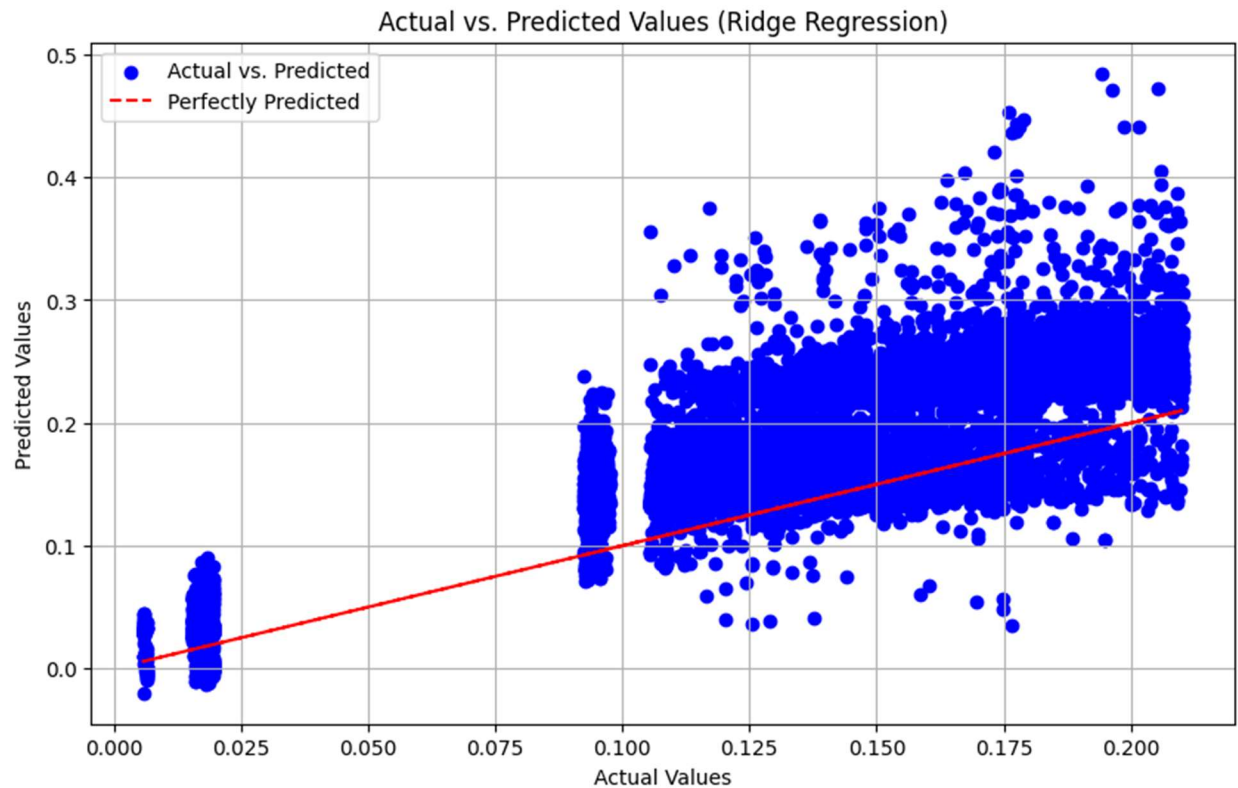
The main motivation of using L2 regularization is to Reduce multicollinearity and reduce overfitting

ADVANTAGES :

- Acheives multi collinearity
- Reduces overfitting
- Improved generalization

DISADVANTAGES :

- Choosing the correct alpha value in regularization can be hard
- Complex to implement because performing regularization could be tricky.
- If we have more coefficients its harder to understand