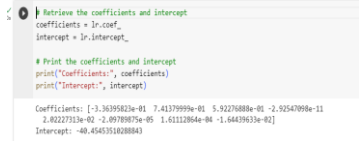
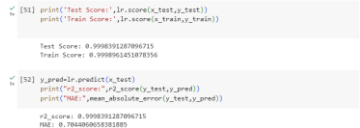


Project Development Phase Model Performance Test

Date	21 November 2023
Team ID	592419
Project Name	Share Price Estimation of Top 5 GPU companies
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Model Summary	We cannot retrieve the summary as it is for a linear regression model as Linear Regression does not have a summary method, rather we did this.	 <pre> # Retrieve the coefficients and intercept coefficients = lr.coef_ intercept = lr.intercept_ # Print the coefficients and intercept print("Coefficients:", coefficients) print("Intercept:", intercept) Coefficients: [-3.36395824e-01 7.41379999e-01 5.92276888e-01 -2.52547098e-11 2.82227713e-02 -2.49789875e-05 1.61112864e-04 -1.64439633e-02] Intercept: -48.4545319288943 </pre>
2.	Accuracy	Training Accuracy - Validation Accuracy -	 <pre> [31] print("Test Score:", lr.score(x_test, y_test)) print("Train Score:", lr.score(x_train, y_train)) Test Score: 0.998595128780715 Train Score: 0.998595128780715 [32] y_pred = lr.predict(x_test) print("r2_score:", r2_score(y_test, y_pred)) print("MSE:", mean_absolute_error(y_test, y_pred)) r2_score: 0.998595128780715 MSE: 0.784884055318195 </pre>
3.	Confidence Score (Only Yolo Projects)	Class Detected - Confidence Score -	NOT APPLICABLE