

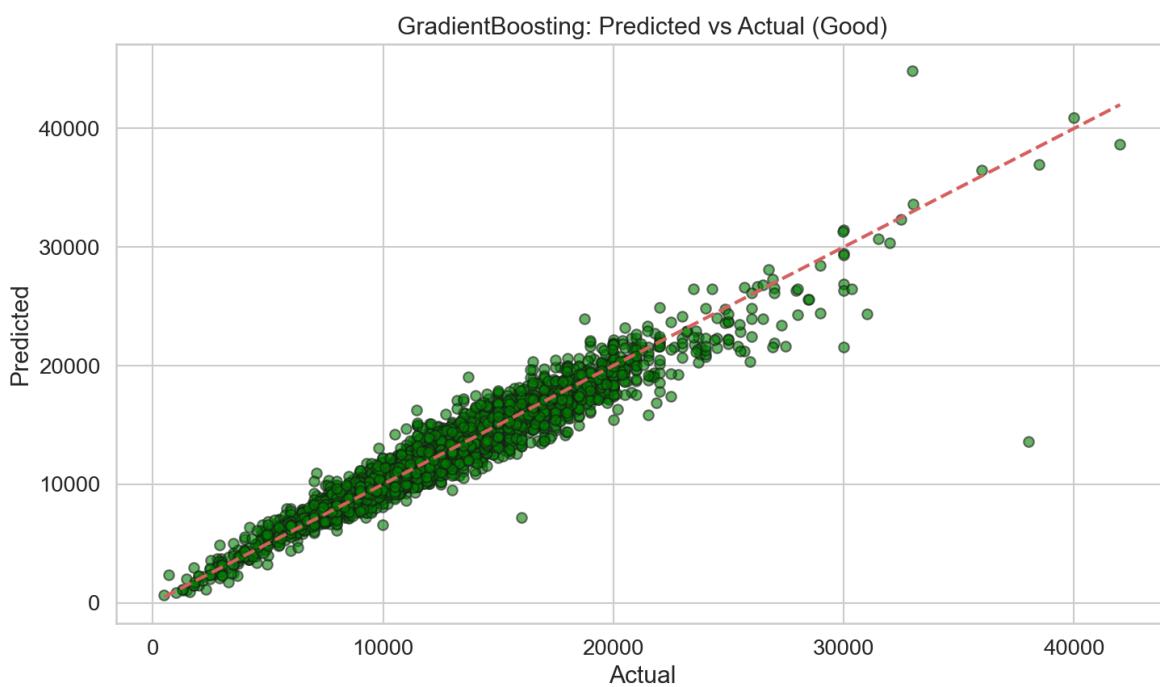
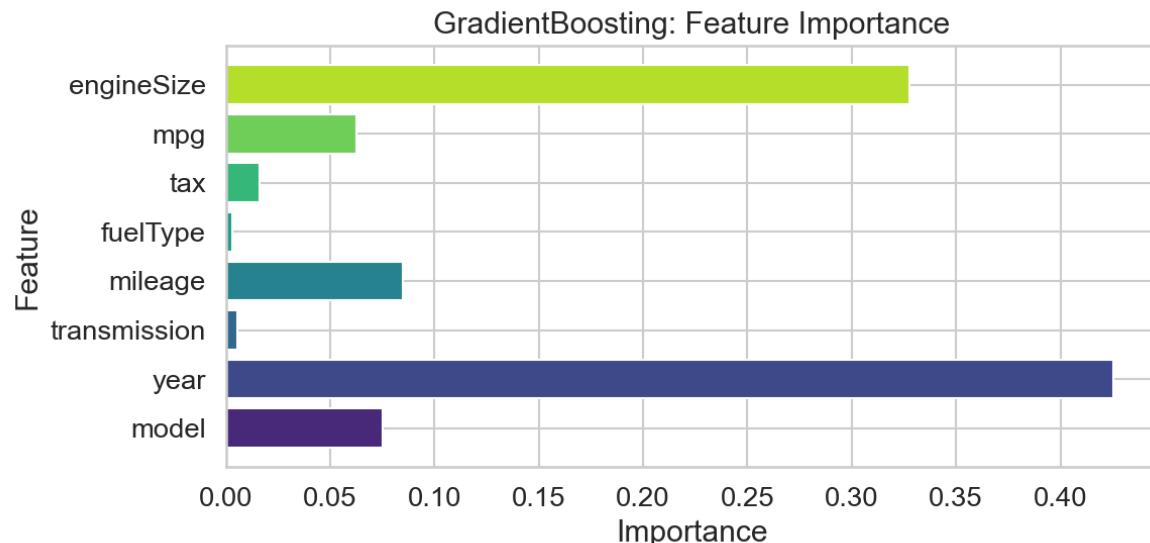
Ford Car Price Project Report with Overfitting Badge

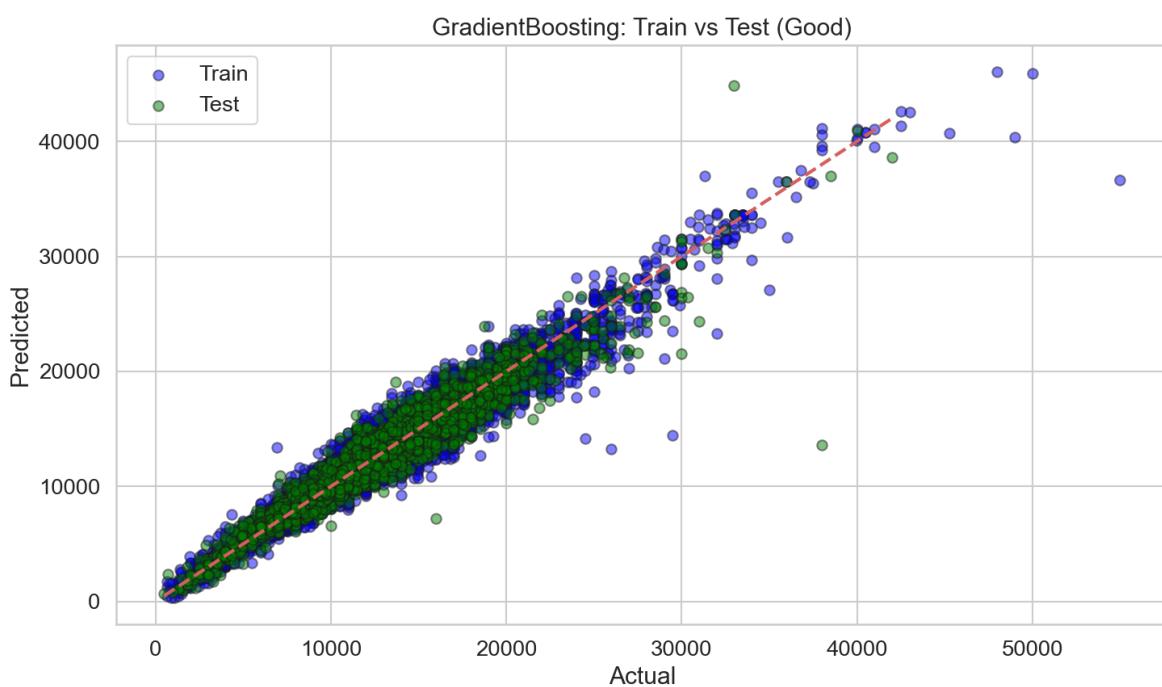
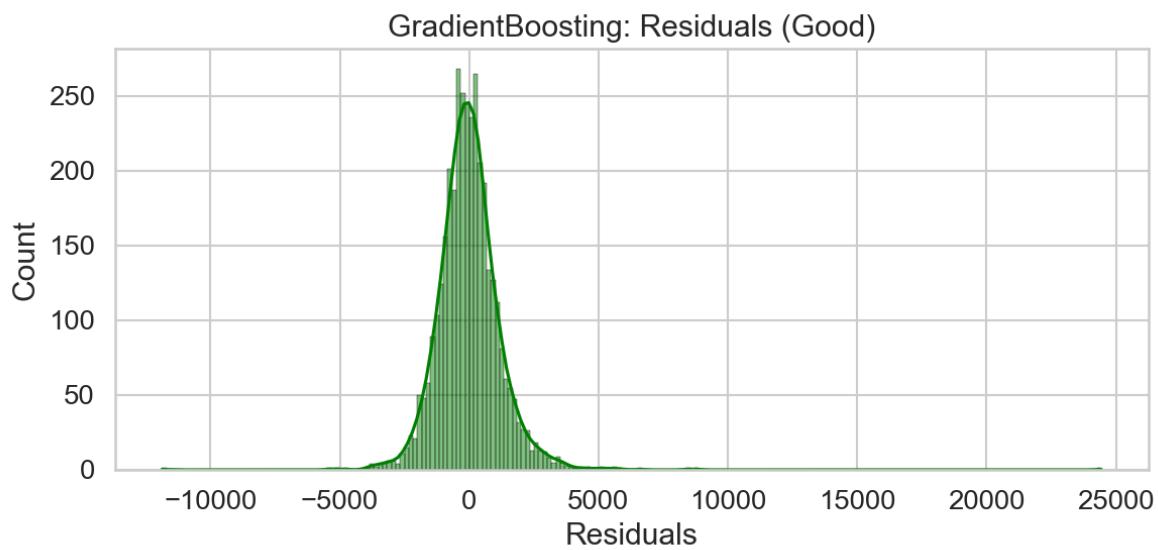
GradientBoosting (Good)

R2_train: 0.945, R2_test: 0.932

RMSE_train: 1108.416, RMSE_test: 1236.902

Overfitting: No



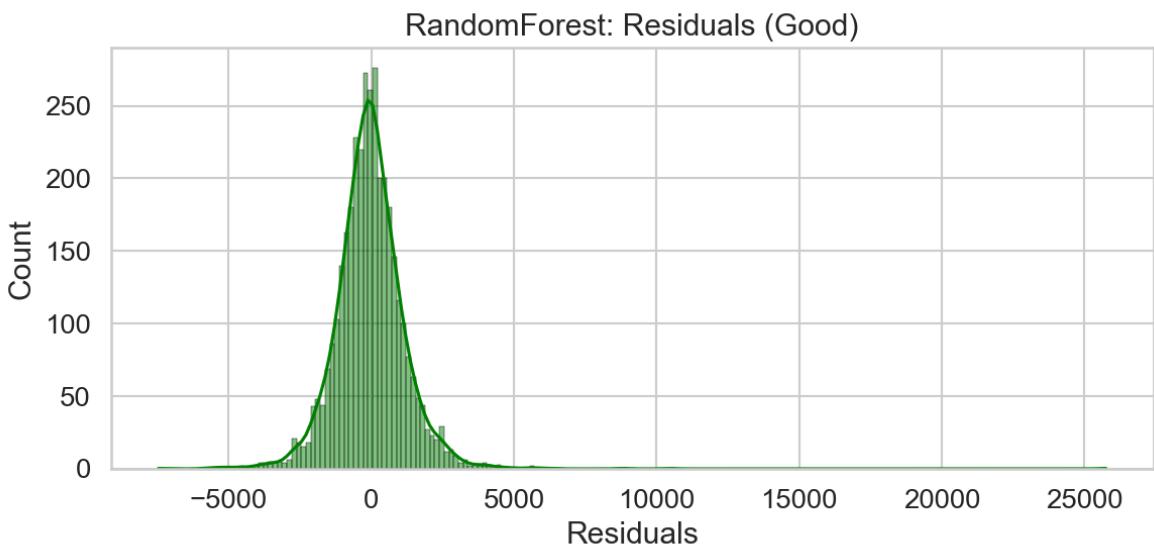
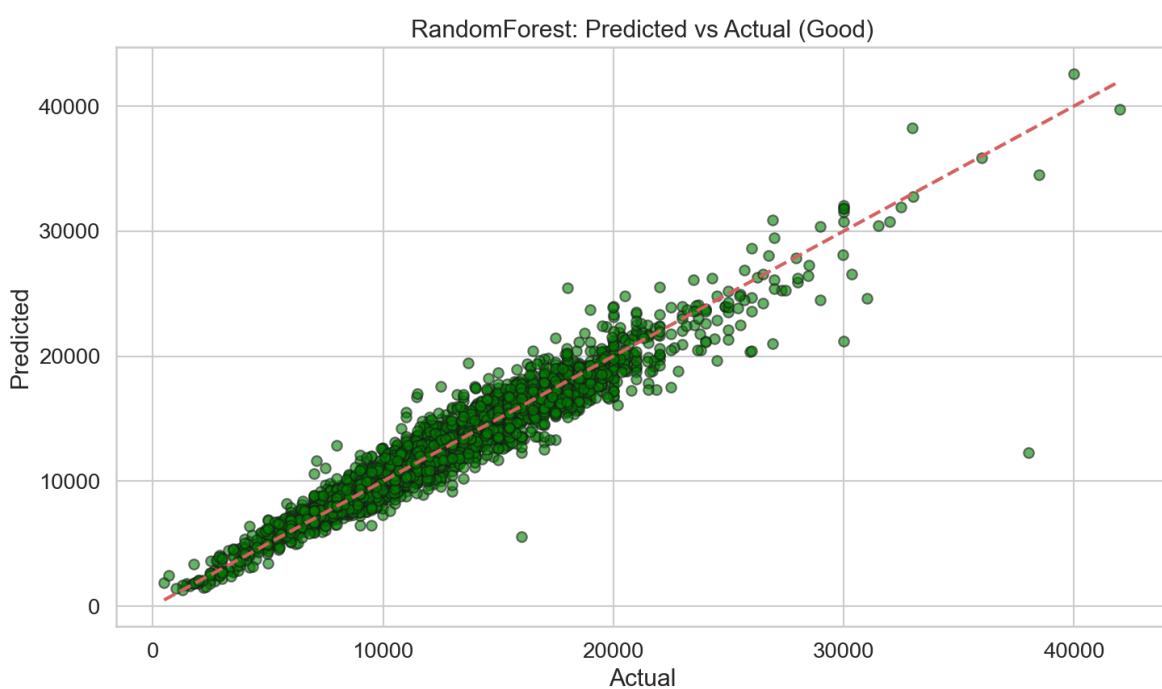
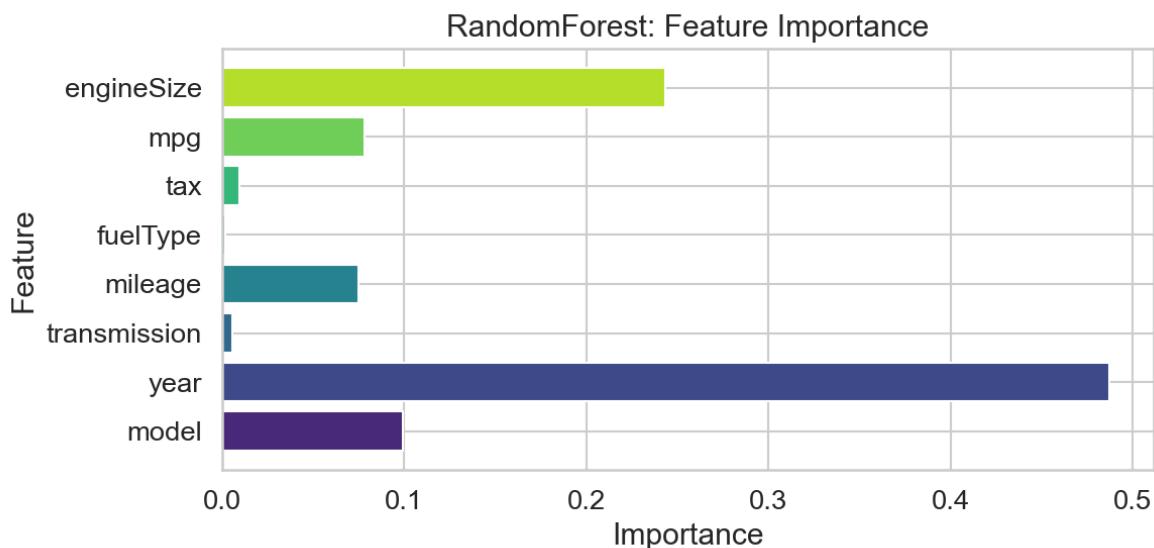


RandomForest (Good)

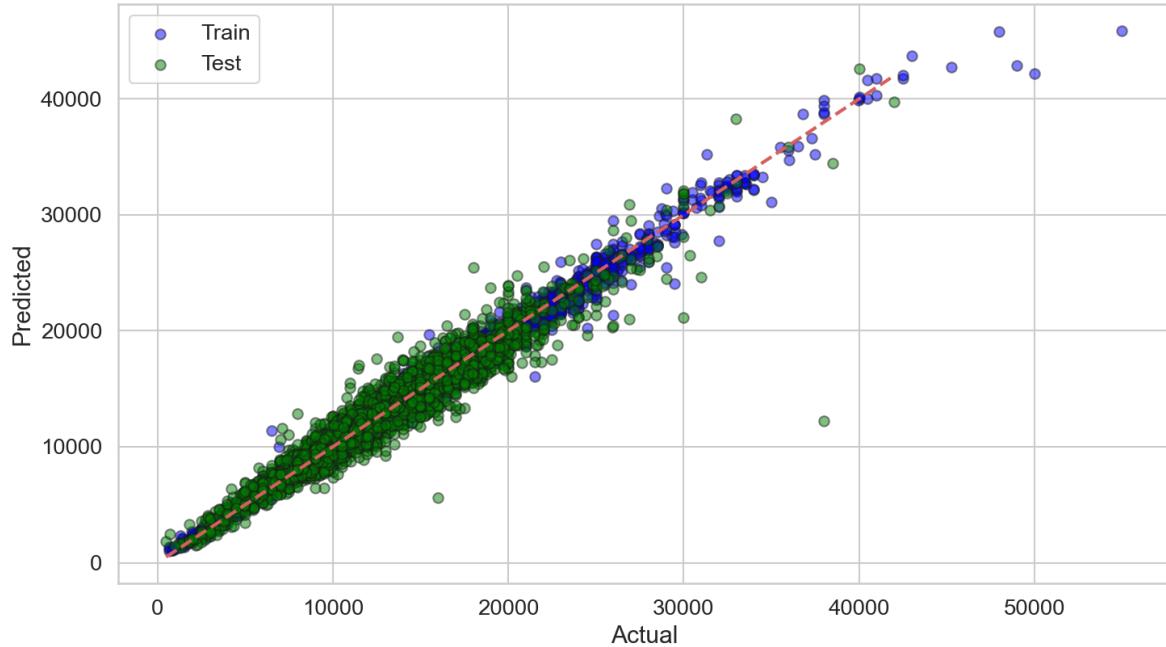
R2_train: 0.990, R2_test: 0.929

RMSE_train: 480.402, RMSE_test: 1260.977

Overfitting: No



RandomForest: Train vs Test (Good)



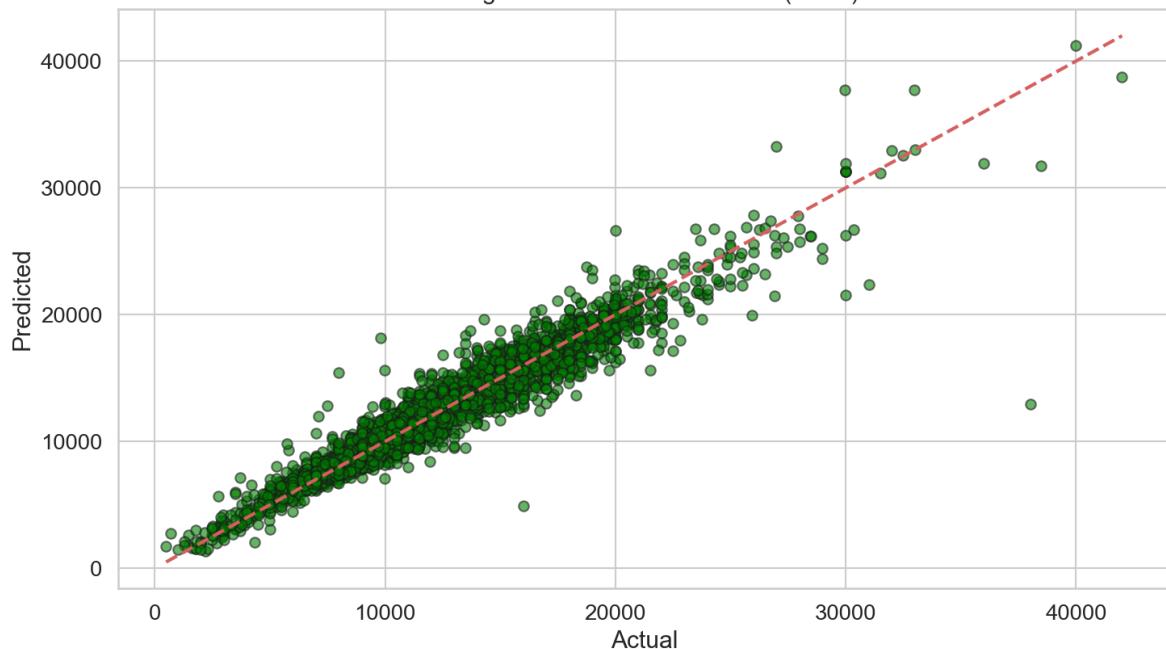
KNeighbors (Good)

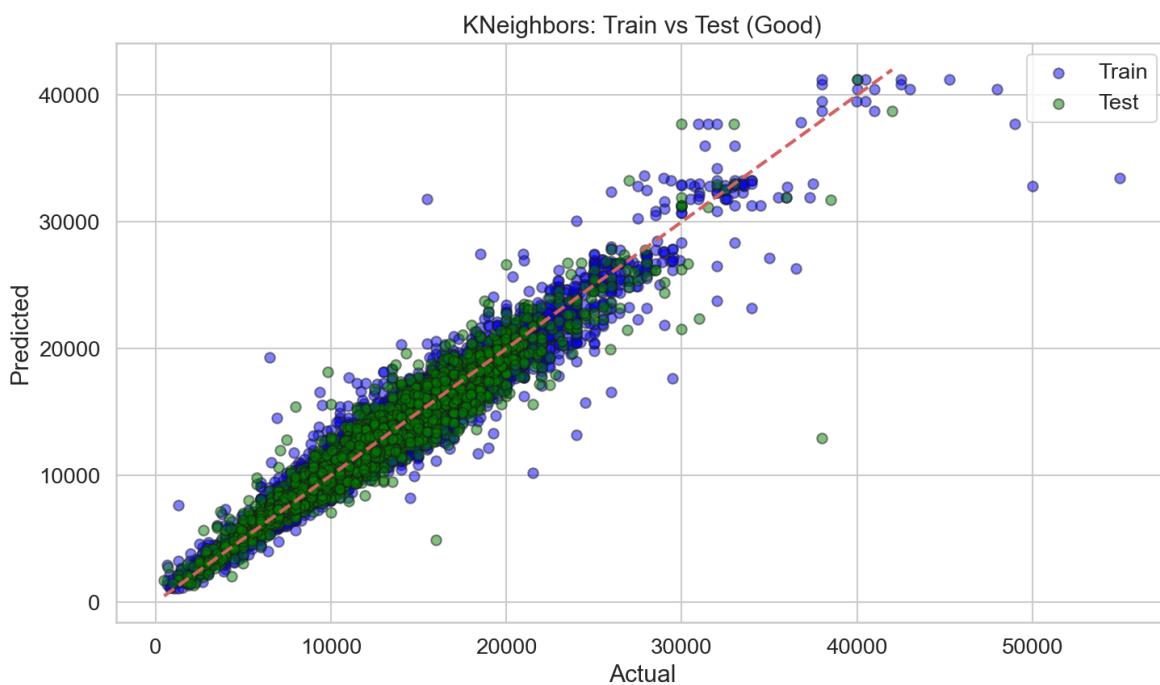
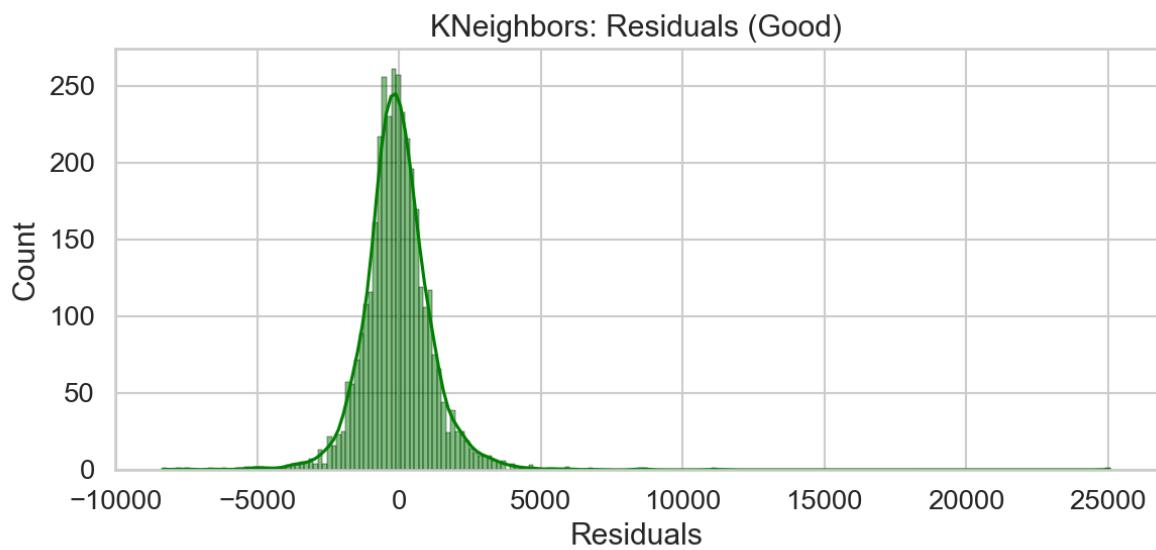
R2_train: 0.949, R2_test: 0.926

RMSE_train: 1071.373, RMSE_test: 1285.615

Overfitting: No

KNeighbors: Predicted vs Actual (Good)



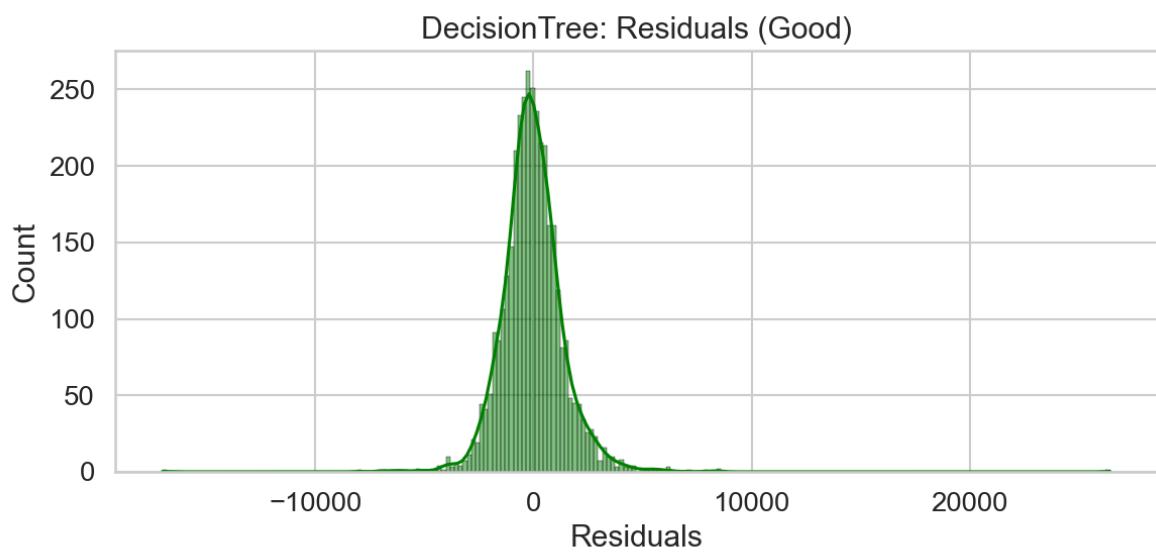
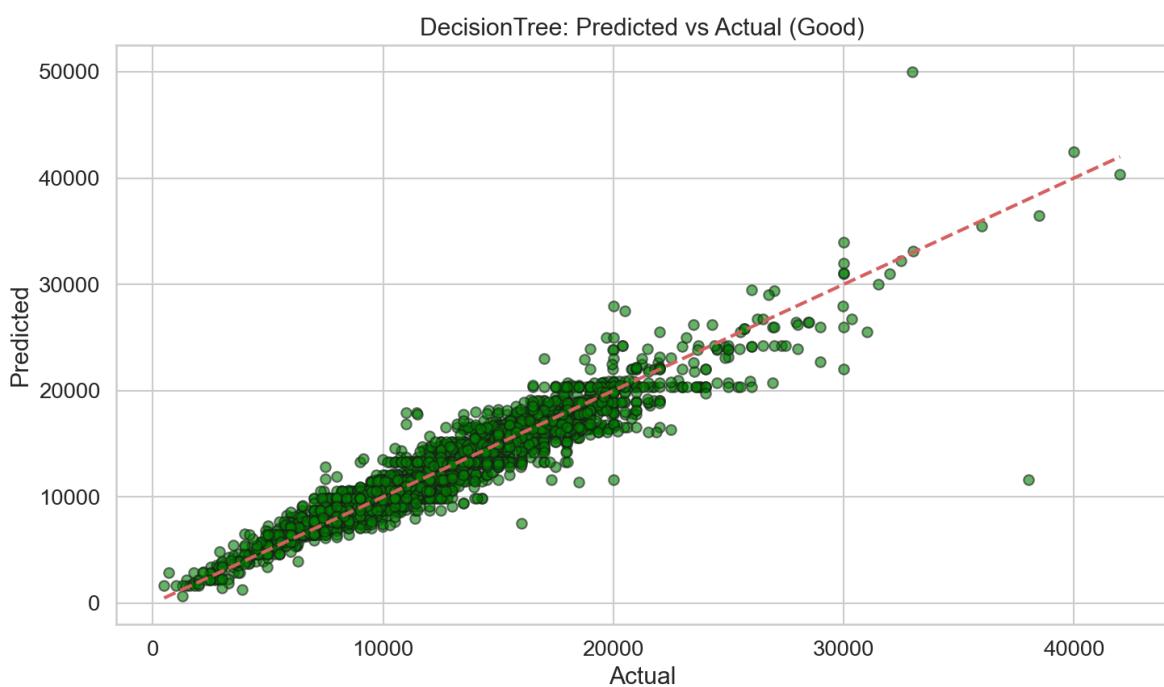
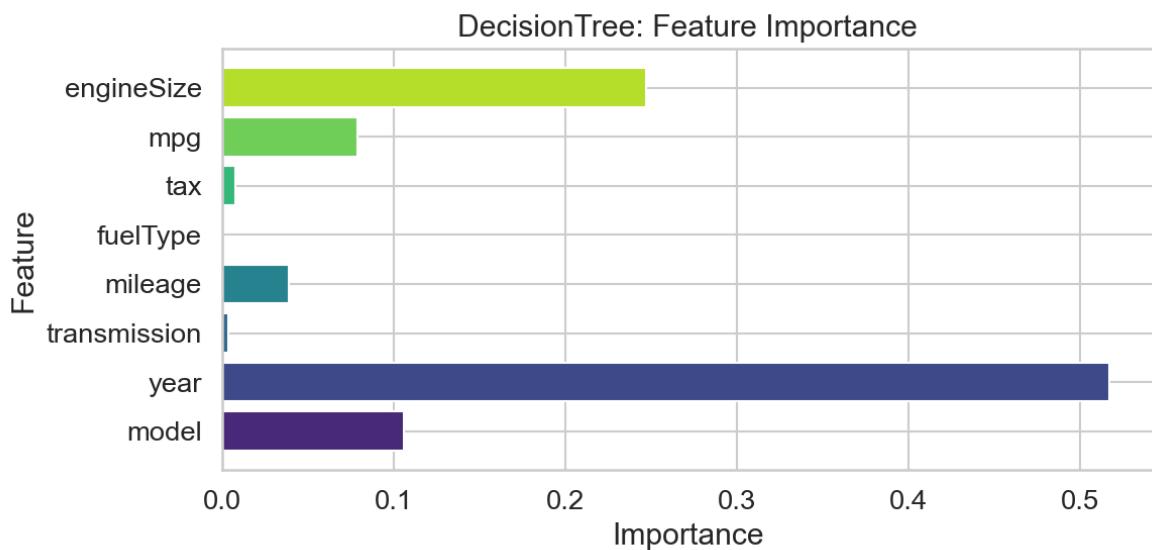


DecisionTree (Good)

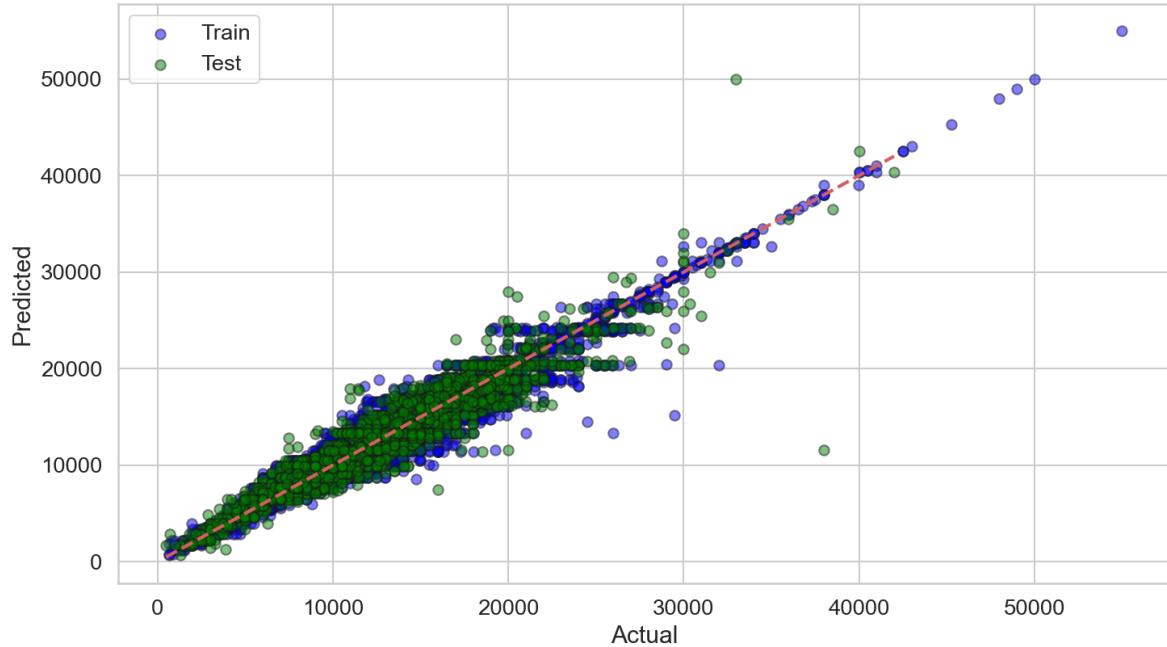
R2_train: 0.938, R2_test: 0.904

RMSE_train: 1182.571, RMSE_test: 1468.210

Overfitting: No



DecisionTree: Train vs Test (Good)



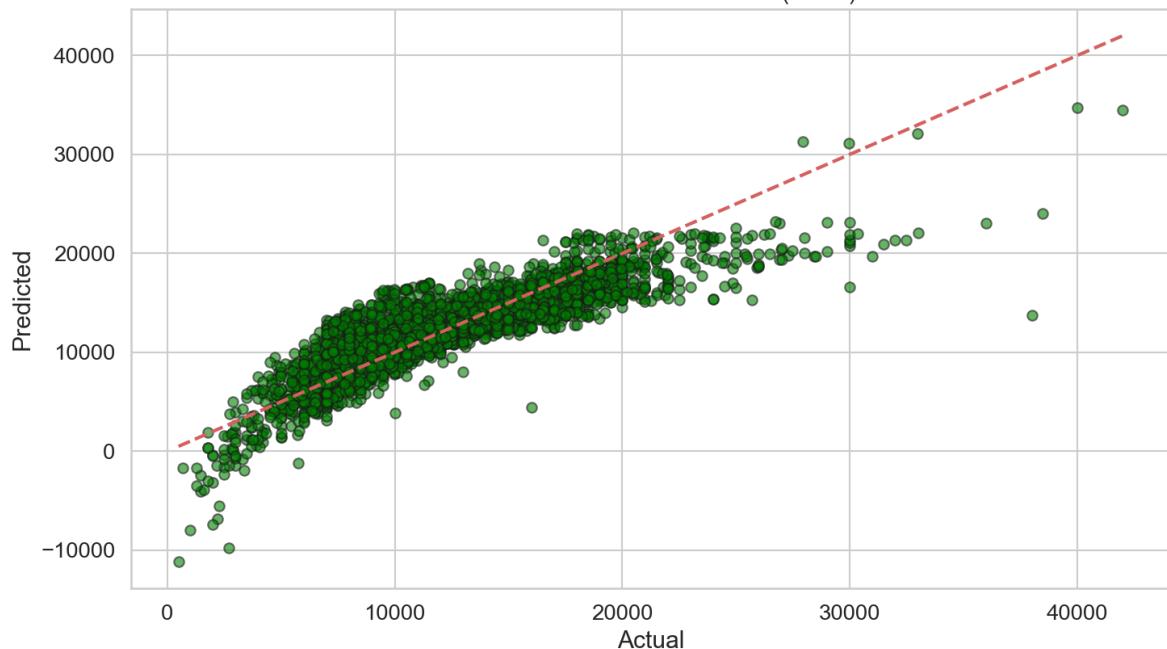
ElasticNet (Good)

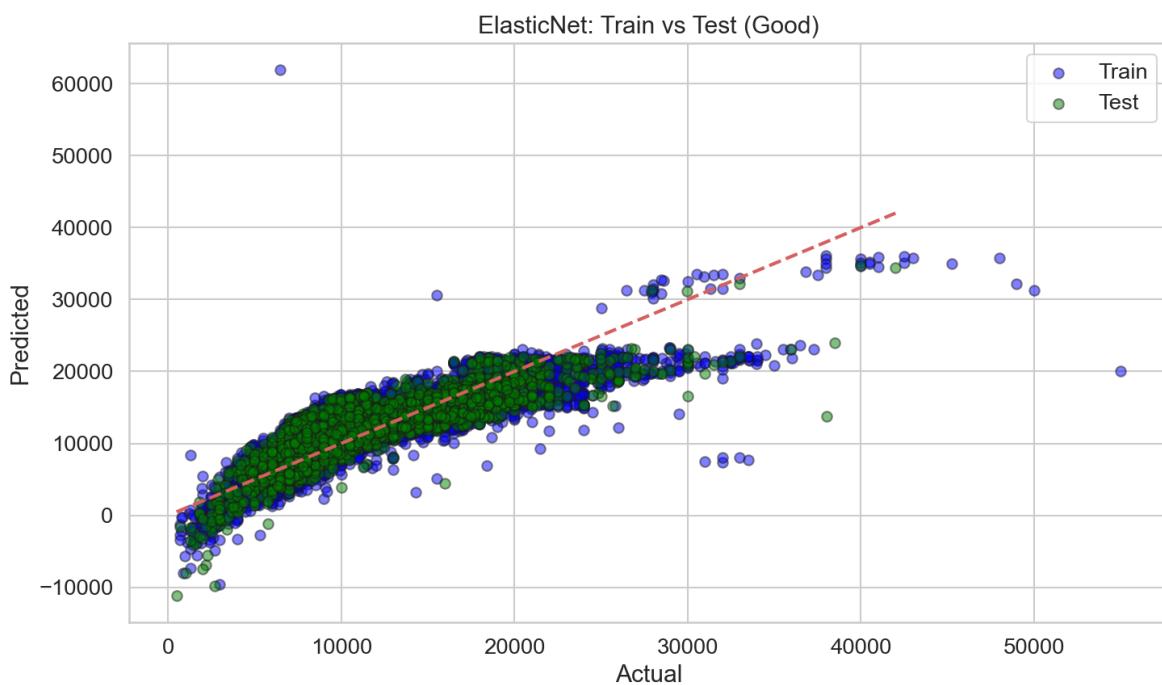
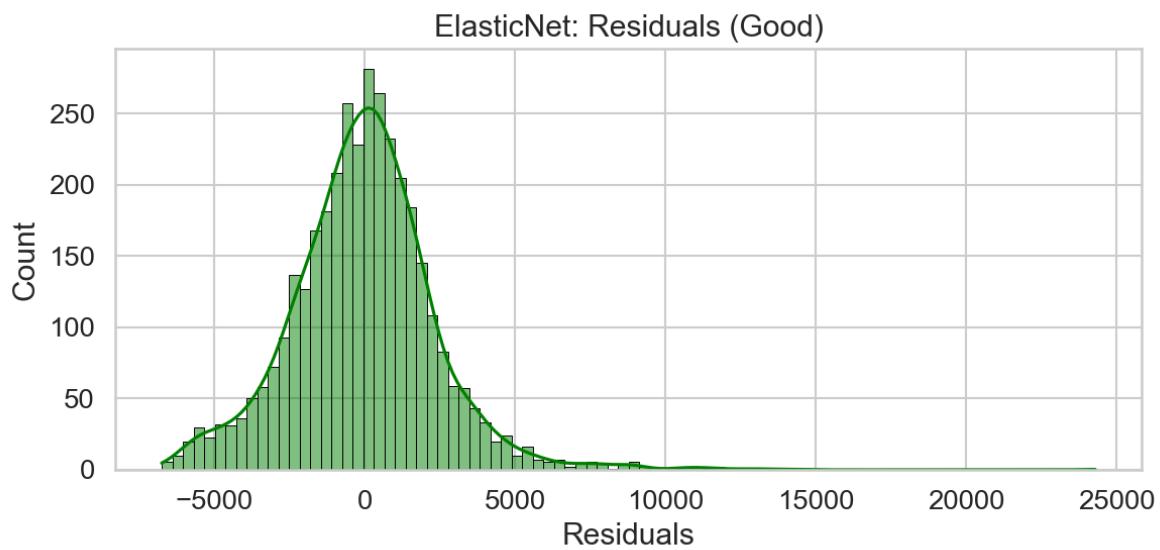
R2_train: 0.734, R2_test: 0.737

RMSE_train: 2446.094, RMSE_test: 2428.958

Overfitting: No

ElasticNet: Predicted vs Actual (Good)





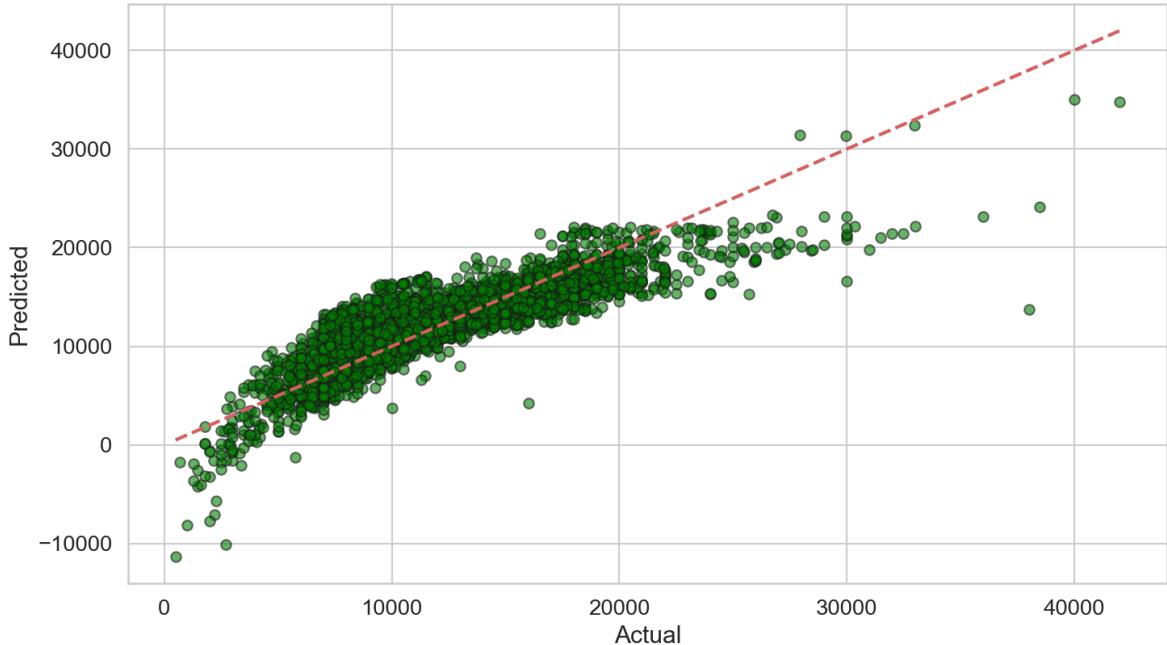
Ridge (Good)

R2_train: 0.734, R2_test: 0.737

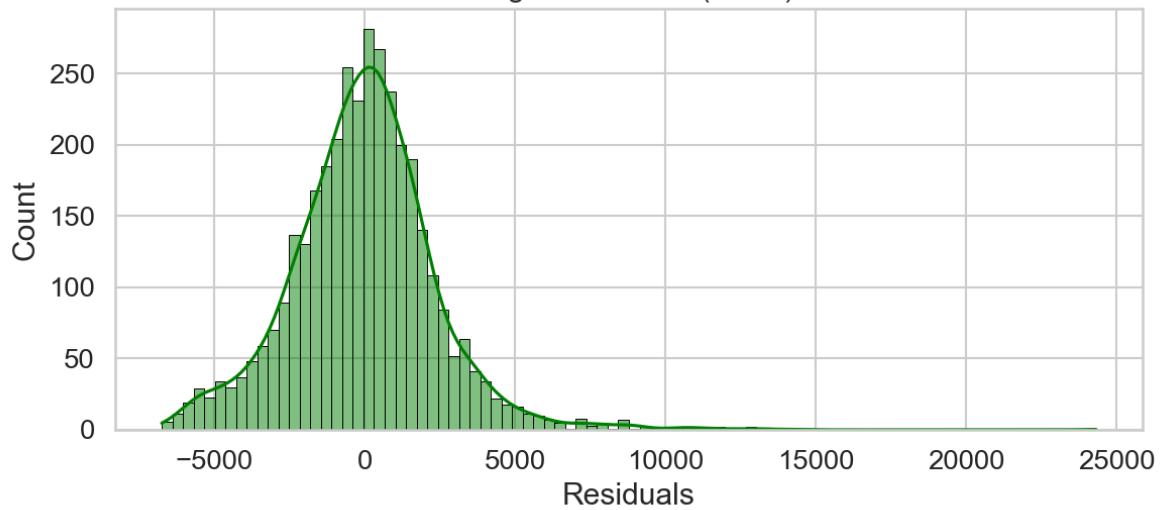
RMSE_train: 2445.791, RMSE_test: 2429.655

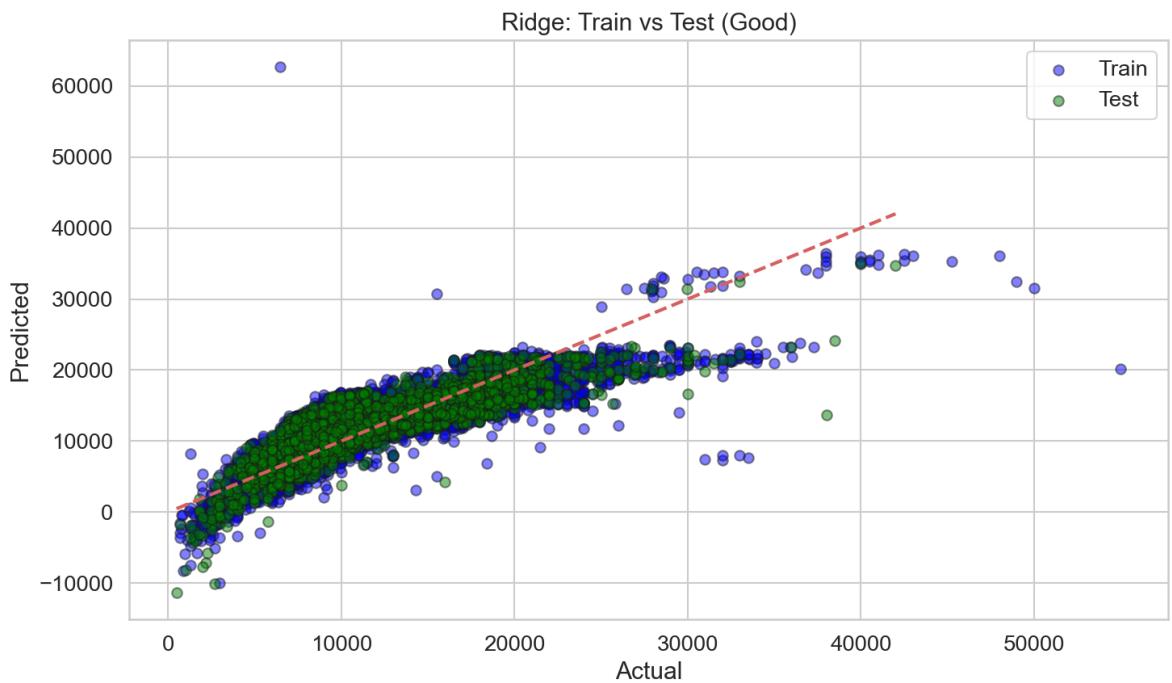
Overfitting: No

Ridge: Predicted vs Actual (Good)



Ridge: Residuals (Good)



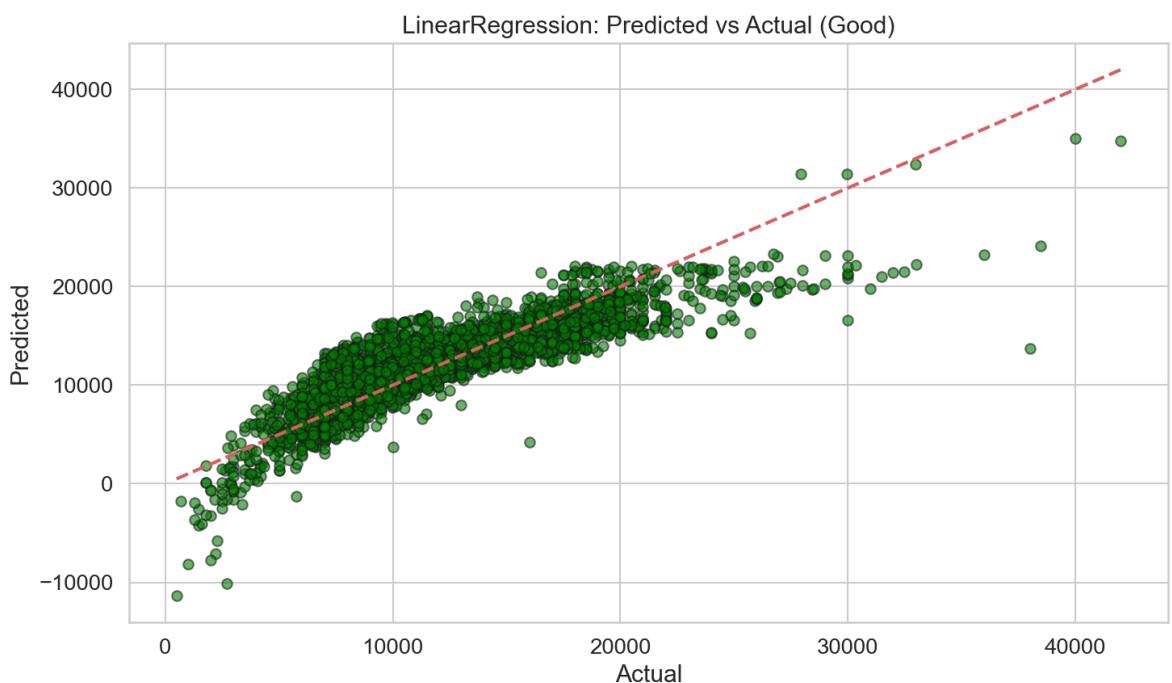


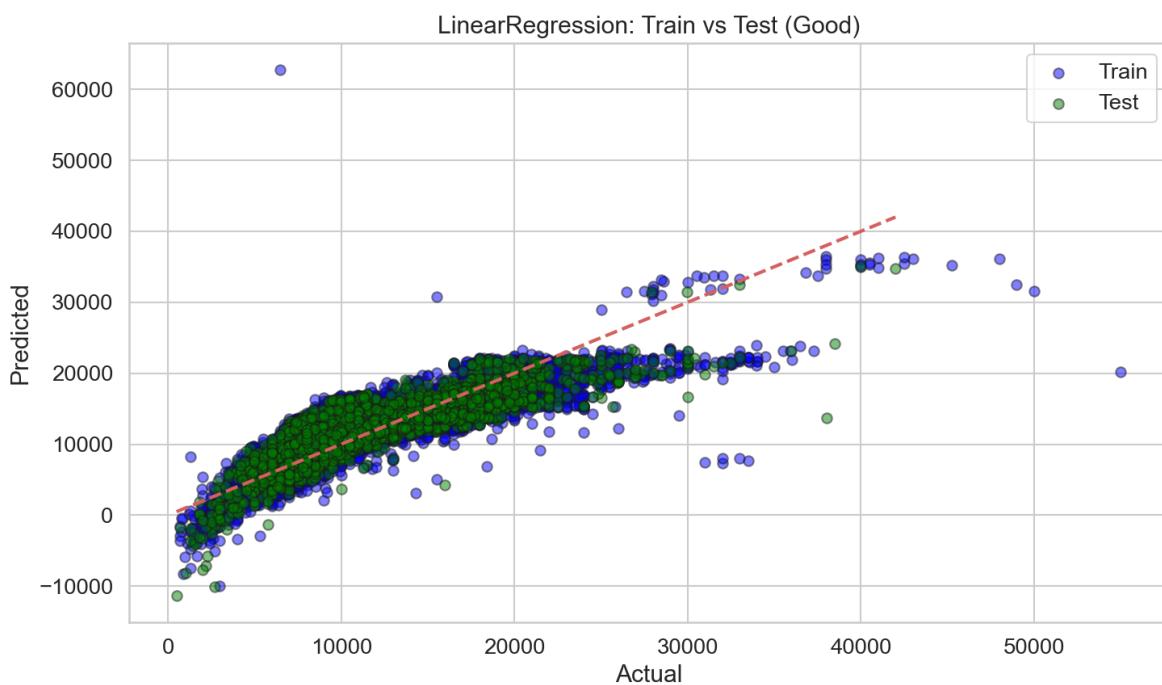
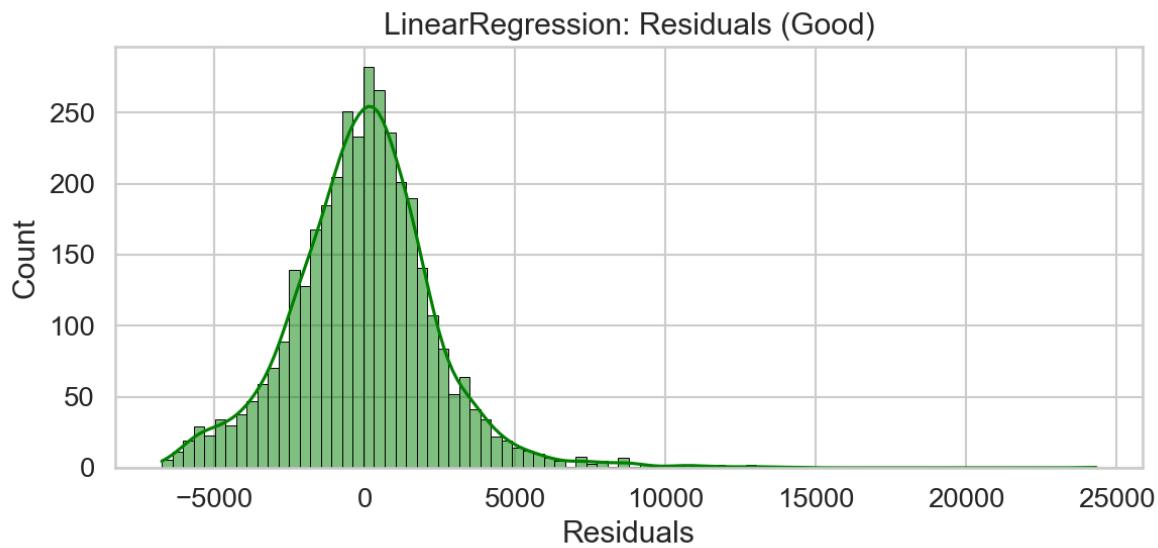
LinearRegression (Good)

R2_train: 0.734, R2_test: 0.737

RMSE_train: 2445.790, RMSE_test: 2429.731

Overfitting: No





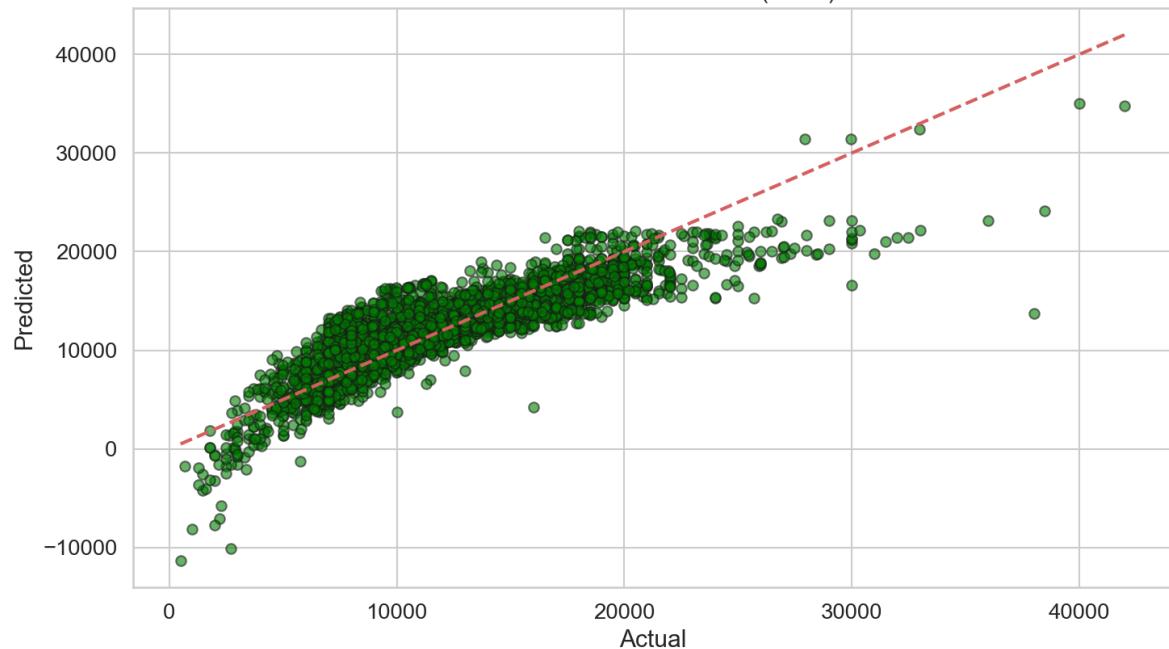
Lasso (Good)

R2_train: 0.734, R2_test: 0.737

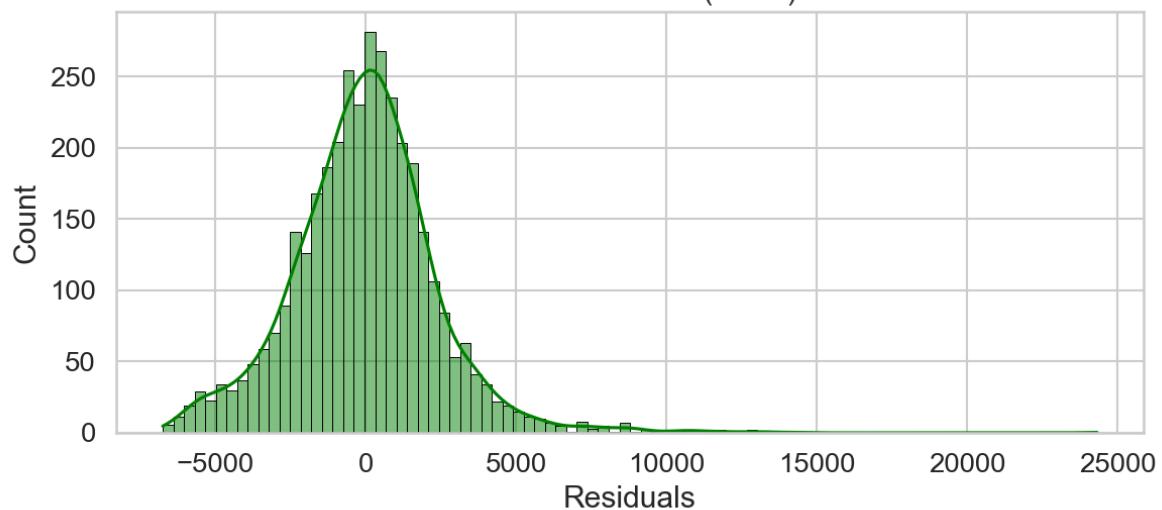
RMSE_train: 2445.791, RMSE_test: 2429.802

Overfitting: No

Lasso: Predicted vs Actual (Good)



Lasso: Residuals (Good)



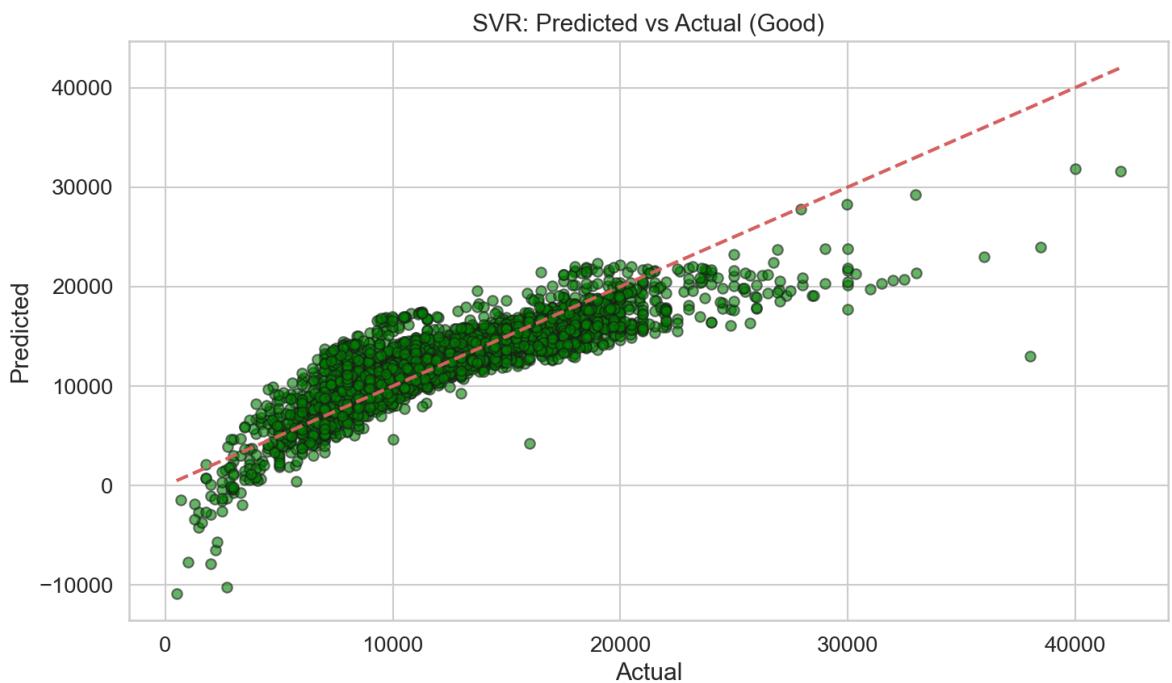


SVR (Good)

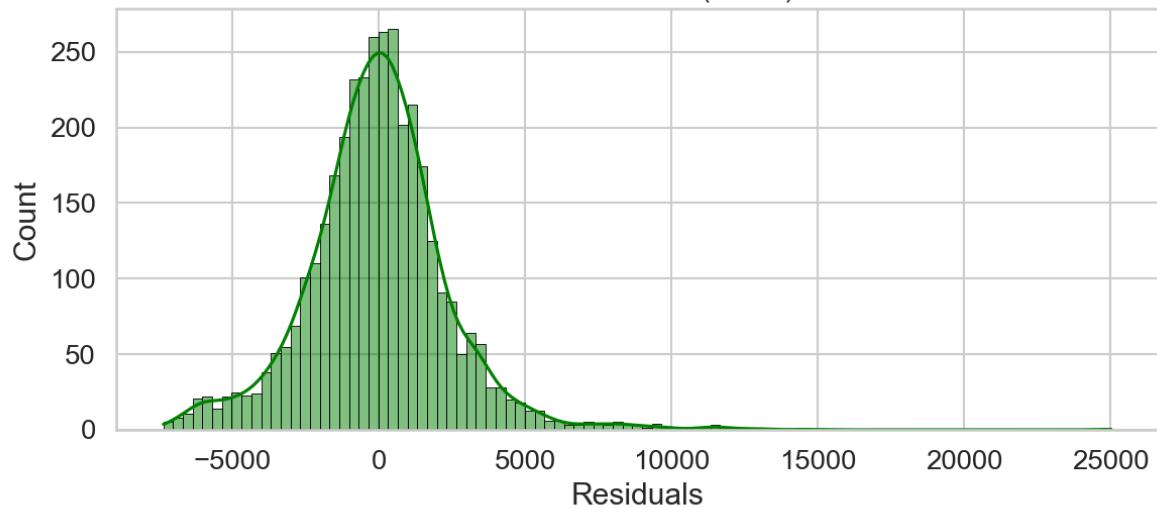
R2_train: 0.726, R2_test: 0.733

RMSE_train: 2484.236, RMSE_test: 2447.867

Overfitting: No



SVR: Residuals (Good)



SVR: Train vs Test (Good)

