HPI\_master Dataset Findings:

Based on the dropping all the rows with NAN for this study and run the linear regression, mainly with all the Categorical variables. The model’s Performance is as follows:

Root Mean Squared Error (MSE) :1.53503

R -Squared value = 0.99

This results indicate a very high level of accuracy, with an R-Squared value very close to 1, suggesting that the model explains all of the variance for the target variable.

The low MSE further confirms the model’s high predictive accuracy.