

Summary A3

In the Assignment we were instructed to develop a predictive model for a particular use case. My use case was to simply develop a model to predict home price. I performed feature engineering to obtain age, inv_age (inverse age), price_sqft, house_bin, log_price, log_sqft. I explored SLR, KNN Classifier, KNN Regressor, and Multivariate Regressor. I found KNN Regressor to give the best fit with a R2 of 0.3484.