COLLEGE CODE: 9133

COURSE: Artificial intelligence

PHASE 4:Development Part 2

PROJECT TITLE: House price predictor

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DATASET: https://www.kaggle.com/datasets/vedavyasv/usa-housin

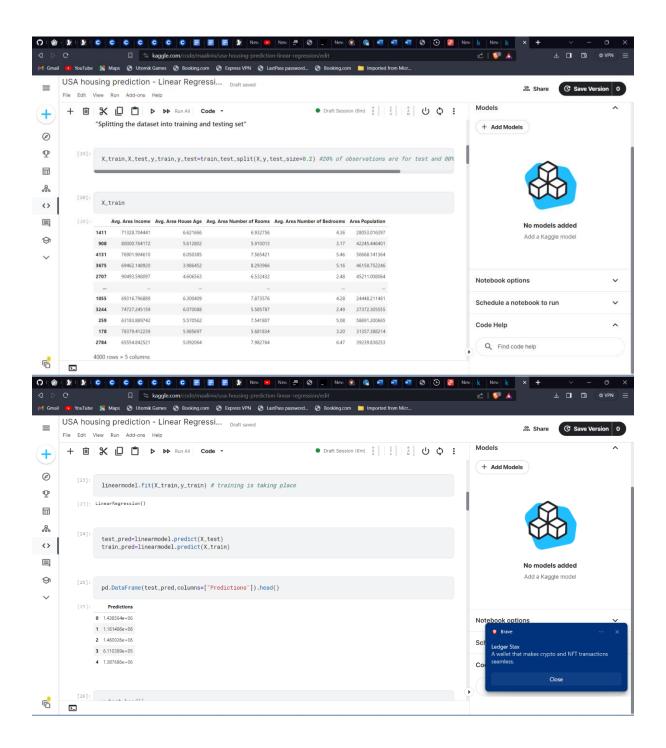
TRAINING AND TESTING THE MODEL:

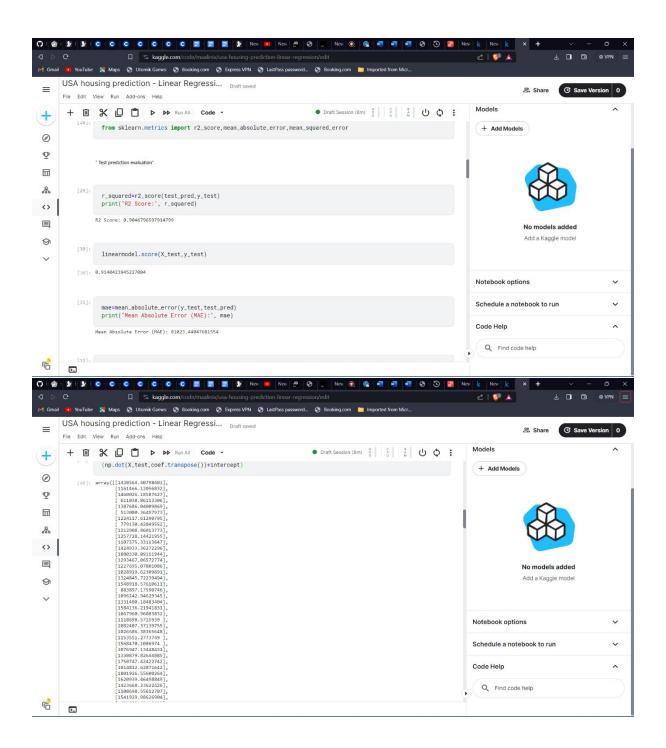
Model Training:

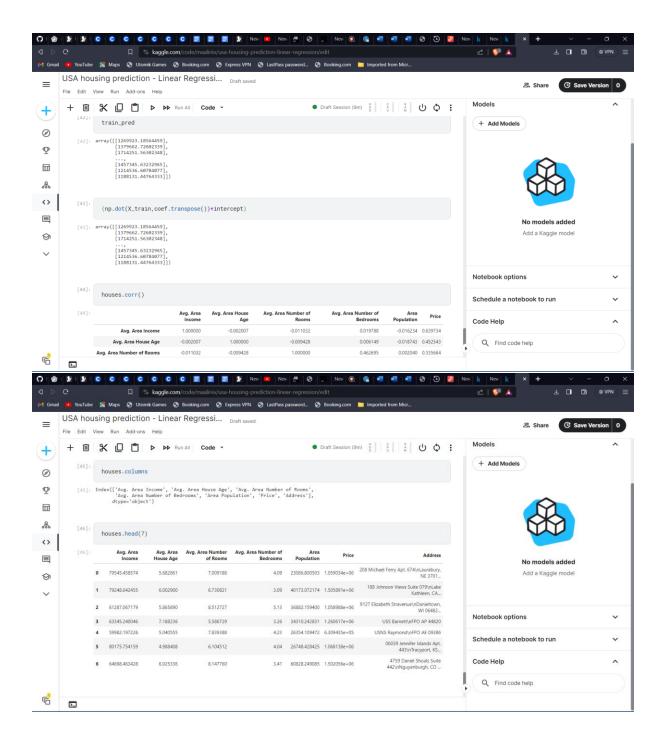
Train the selected model on the training data. The model learns patterns and relationships within the data during this process. The training process typically involves adjusting model parameters to minimize a loss function.

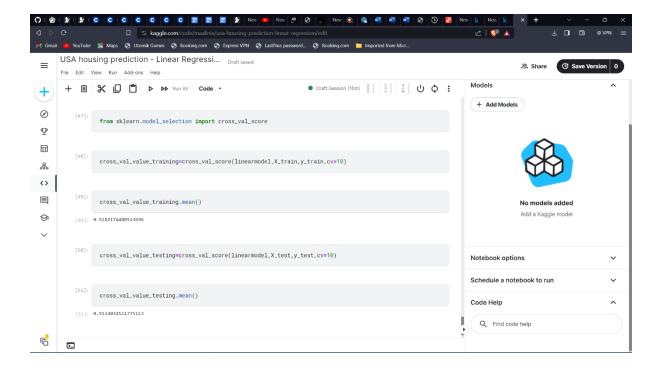
Model Evaluation:

After training, you need to evaluate the model's performance on the testing data. Common evaluation metrics include accuracy, precision, recall, F1-score for classification, and mean squared error, R-squared for regression.









CONCLUSION:

In conclusion, training and testing a machine learning model is a systematic and iterative process that involves collecting and preparing data, selecting an appropriate model, training and fine-tuning the model, and evaluating its performance. It is a critical step in creating predictive models for a wide range of tasks, from classification and regression to clustering and recommendation systems.