Predicting house price in machine learning

AI

Program Dataset:

Import pandas as pd

import numpy

import random

random.seed(4)

import matplotlib.pyplot as plt

import seaborn as sns

from sklearn.compose import ColumnTransformer

from sklearn.impute import SimpleImputer

from sklearn.pipeline import Pipeline, make\_pipeline

from sklearn.preprocessing import OneHotEncoder, StandardScaler

from sklearn.model\_selection import train\_test\_split

from sklearn.ensemble import RandomForestRegressor

from sklearn.linear\_model import Lasso, Ridge

from sklearn.model\_selection import cross\_val\_score

from sklearn.metrics import mean\_squared\_error, r2\_score

df = pd.read\_csv(‘/content/drive/MyDrive/Housing.csv’)

df.head()