**House Price Prediction**

**Introduction**

This project aims to predict house prices using machine learning techniques. The dataset consists of training and test data, which undergo preprocessing before training a model. The workflow includes data loading, preprocessing, feature scaling, model selection, training, and evaluation. **Libraries Used**

The following libraries are used in the project:

* numpy: For numerical computations
* pandas: For data handling and manipulation
* sklearn.preprocessing.StandardScaler: For feature scaling
* sklearn.svm.SVR: For Support Vector Regression modeling
* sklearn.preprocessing.OrdinalEncoder: For encoding categorical variables **Steps in script:**

1. Importing Libraries
2. Loading Dataset
3. Data Exploration
4. **Data Preprocessing** 
   1. **Handling Missing Values**: Missing values are either imputed or removed based on the data characteristics.
   2. **Feature Encoding**: Categorical variables are encoded using OrdinalEncoder.
   3. **Feature Scaling**: Standardization is applied using StandardScaler to normalize numerical features.
5. Model Training
6. Model Evaluation
7. Creating a Submission File **Accuracy:**