# 🏠 House Price Prediction

This project uses machine learning techniques to predict house prices based on various features such as location, size, number of rooms, and more.

## 📌 Project Overview

- \*\*Objective\*\*: Predict the selling price of a house using historical data.

- \*\*Dataset\*\*: Cleaned housing dataset (e.g., from Kaggle or public sources).

- \*\*Approach\*\*:

- Data preprocessing and feature engineering

- Model training using regression algorithms

- Evaluation and prediction on test data

## 🔧 Technologies Used

- Python

- Pandas, NumPy

- Scikit-learn

- Matplotlib, Seaborn

- Jupyter Notebook

## 📈 Models Applied

- Linear Regression

- Random Forest Regressor

- Decision Tree Regressor

## 📊 Evaluation Metrics

- Mean Absolute Error (MAE)

- Root Mean Squared Error (RMSE)

- R² Score