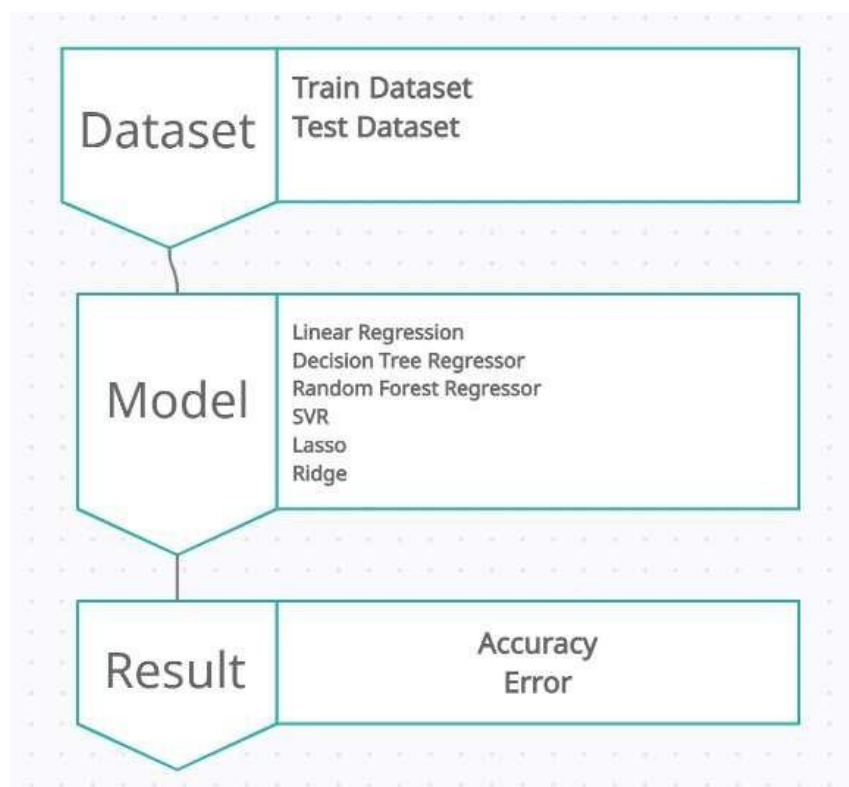


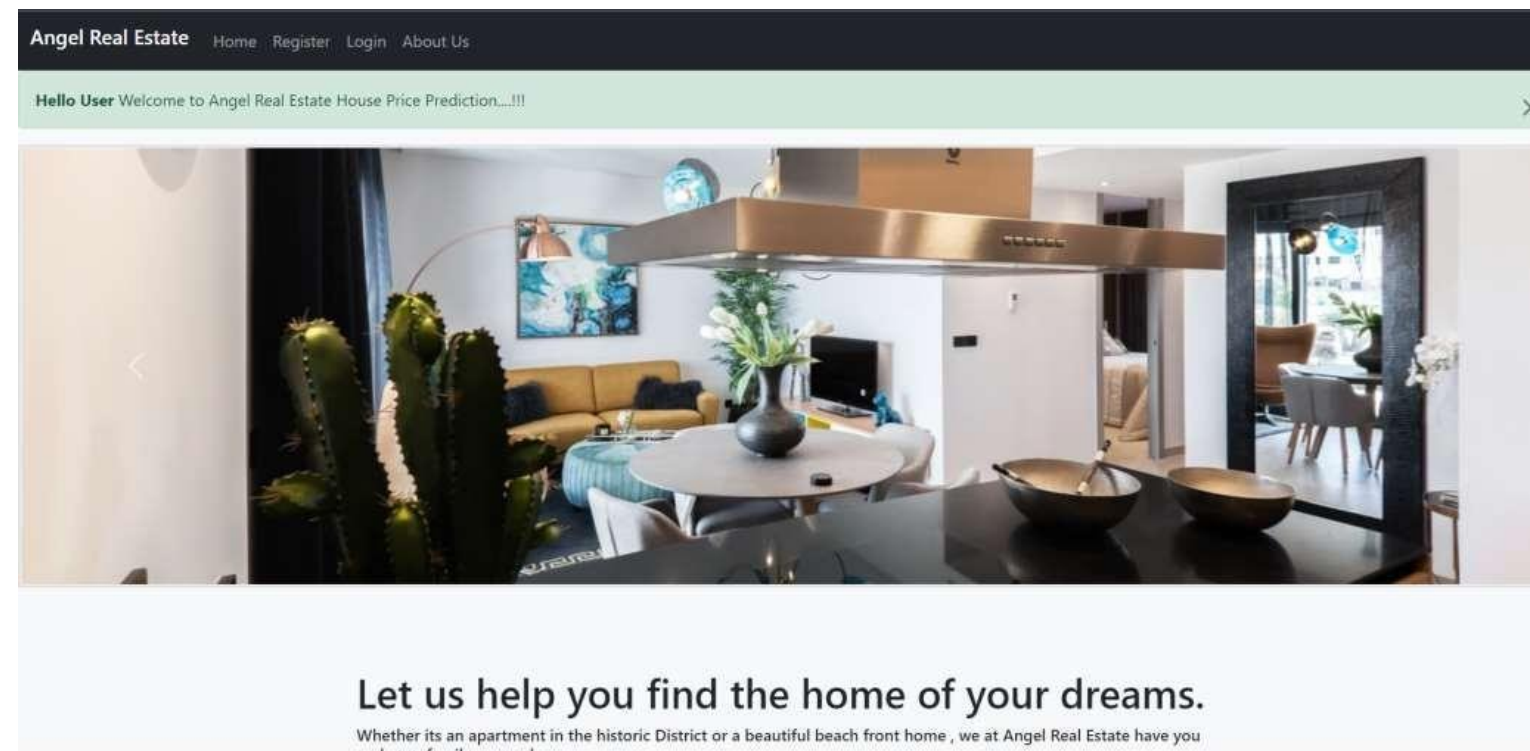
ABSTRACT

- The aim is to predict house price by using ML algorithms like linear regression, random forest. We will discuss how house prices are affected by different housing characteristics like number of rooms. The predicted values are compared with real values. After training the model, it was tested with given test dataset, by the location of house etc. We managed to get closest prediction value of sale price for the given features.

PROPOSED SYSTEM



UI - DESIGN




The image shows the prediction form on the 'Angel Real Estate' website. The header includes the site name and navigation links: Home, Prediction, Logout, About Us. The form title is 'Please fill up this form to Predict House Price.' The form fields are: 'Select Location' (with a dropdown menu showing '1st Phase JP Nagar'), 'Total Square Feet' (with a text input field containing '1000'), 'Total Bathrooms' (with a text input field containing '2'), and 'Total BHK' (with a text input field containing '3'). A 'Predict' button is at the bottom. The footer shows the copyright notice: '© Copyright 2021 By Angel Real Estate.'

CONCLUSION

- The highest accuracy we obtained was around 80% .
- We did comparative study of various data using regression models and compare their accuracy.
- A larger dataset may improve accuracy whilst reducing error.
- To get cutting edges result, we may use advanced models like ANN.
- The project is flexible and can be expanded to find house price by the area with low crime rate, high employment rate and predict prices adjusting for inflation.

TECHNOLOGY



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