Abstract

People looking to buy a new home tend to be more conservative with their budgets and market strategies. The existing system involves calculation of house prices without the necessary prediction about future market trends and price increase. The goal of the paper is to predict the efficient house pricing for real estate customers with respect to their budgets and priorities. By analyzing previous market trends and price ranges, and also upcoming developments future prices will be predicted. The functioning of this paper involves a website which accepts customer’s specifications and then combines the application of multiple linear regression algorithm of data mining. This application will help customers to invest in an estate without approaching an agent. It also decreases the risk involved in the transaction.

References

5. Iain Pardoe, 2008, Modeling Home Prices Using Realtor Data
6. Aaron Ng, 2015, Machine Learning for a London Housing Price Prediction Mobile Application

**Index Terms**

Computer Science  
Information Sciences

**Keywords**

Data mining, house price forecasting, prediction, linear regression, real estate.