

Experiment No.9

Title: Case study on House Price Predictions using Data Science

Batch: B4

Roll No.: 16010420133

Experiment No.: 9

Aim: Case Study on House Price predictions using Data Science

Resources needed: Internet

Theory:

Benefits of Data Science in Real Estate Price Prediction

1. **Reduces Risks:** with the help of predictive analytics company can use it to estimate the overall condition like its ages, deconstruction history, owner information. the company can provide their customer with up-to-date information so it increases their satisfaction from working with them.
2. **It helps calculate the price:** precise cost calculation in real estate is time-consuming, how the Machine learning algorithm can use for the estimate the price of properties with the help of historical data.
3. **Data-driven decision:** Machine learning open many opportunities for the business. just feed the algorithm with data and it will process it to help you make the right decision.
4. **Marketing strategy:** with the help of customer information company can plan their future marketing strategy according to customer needs.

THE DATA SCIENCE PROCESS



DataScience process Flowchart

CONCLUSION

In the present real estate world population is continuously increasing. People are not able predict accurate price of house. In today real world, it has become different to staring. House amount of data. The making of different model applied optimal use of the regression algorithm. The model use such data in more efficient way, the regression algorithm full fill the customer requirement and reducing the risk of the investment in an estate. A lot of features added make model more widely acceptable. after applying different regression technique we will see which technique can well classifier fit to regression problem.

Results: Students must submit the document in the link provided.

Grade: AA / AB / BB / BC / CC / CD /DD

Signature of faculty in-charge with date

References:

Books/ Journals/ Websites:

<https://www.irjet.net/archives/V7/i1/IRJET-V7I1316.pdf>