

House Price Prediction Using Machine Learning Techniques

Anirudha Chavan¹, Shubham Bobade², Madhuri Bhosale³, Prof. S. H. Thengil⁴

Students, Department of Computer Engineering^{1,2,3}

Professor, Department of Computer Engineering⁴

Navsahyadri Education Society's Group of Institutions, Pune, Maharashtra, India

Abstract: *The real property retail business is one of the main area where machine learning can be used to determine and predict the amount with high rated value. Housing price is one of the most anxious issues to the user in all over the world. The imprudent increasing of housing price will impact not purely the grade of life, but also the business cycle spirited. Although, the element sway residential real estate amount are not easy and the chosen of effective parameter is indistinct, which leads to a lower precision in many of the conventional housing price detection approaches. Accordingly, a original detection model situated on CNN is suggest for detection of housing price as well as the process of properties selection. Differentiate with other newest methods, our work can acquire a better performance via test using training data of property transaction. Influence housing price is crucial model for resolution making for user in which number of element can be used to detect amount of regret house. The parameter that are intricate in the process are not acquire of the many analytical system available to examine the house price considering various element relating to atmosphere, environment and other entities etc. The system will help people to invest in a possessions without approaching a third party user. It also overcome the risk present in the transaction. Use of CNN algorithm is done as model because of its adaptable and probability techniques on model selection. The output displays that the approach of the problem needs to be successful, and has the capacity to operate predictions that would be relative with other house price detection models.*

Keywords: CNN algorithm, House Price, Prediction, Machine Learning, Feature Selection

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