

Machine Learning Approach for House Price Prediction

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Abstract: *The real estate industry is unique, and predicting house prices is a key part of it. Being able to pull information from raw data makes it much easier to predict prices and understand what makes a house valuable. However, house prices can change daily, sometimes going up unexpectedly. These changes can significantly affect homeowners and the real estate market. The research suggests that artificial neural networks, support vector regression, and linear regression are the most effective ways to model prices. It also indicates that real estate agents and location play a big role in determining how much a property costs. This study can help housing developers and researchers by identifying the most critical factors in housing prices and the best machine learning model to use.*

Keywords: real estate industry

