ABSTRACT:

Real estate is the least transparent industry in our ecosystem. Housing prices keep changing day in and day out and sometimes are hyped rather than being based on valuation. Predicting housing prices with real factors is the main crux of our project. Here we aim to make our evaluations based on every basic parameter that is considered while determining the price of the house. There are three factors in our project that influence the price of a house which includes physical conditions, concepts and location. Our project includes estimating the price of houses without any expectations of market prices and cost increment. The objective of the project is prediction of residential prices for the customers considering their financial plans and needs.

INTRODUCTION:

The shelter is one of the three essential requirements of life. It protects an individual and makes him feel safe. Purchasing a house is a dream of every Indian, but sadly for many, it is not attainable. The rising prices of residential properties worry a ton of residents. People pay a fortune to buy their Dream House. Due to a lack of proper framework, prices have surged and thus the development of negative sentiment of the market. This is a concerning issue for many individuals as if not handled, buying a house will become impossible for many citizens of India. We aim to fill the gap by using machine learning to predict future prices of residential properties, which will help potential buyers to make informed purchasing decisions and buy their dream home at the right price. Thus, eliminating surge gains and promoting a healthy market. the connection among the hunt queries and housing market signs they have got predicted the baseline for housing rate prediction and that they were nicely proven .

PROBLEM UNDER CONSIDERATION:

In India, an inadequate amount of work has been done for valuation in real estate [2]. As a result, sellers use this to their advantage and escalate the prices. Thus, there is a biased procedure to purchase residential property in India as there is no standardized list to aid potential buyers in making a viable buying decision. A typical man cannot contemplate the different market patterns and their impact on the property costs in detail [2]. Hence, a device that understands these patterns and the impact of different parameters on property costs is required. Different machine learning algorithms can be utilized to foresee future estimates. We

require to build a model that predicts   future housing prices considering precision accuracy and different error metrics.

METHODOLOGY:

The below passages describe about the methodology used in the real estate house price predictions and the architecture diagram is given below:

ARCHITECTURE DIAGRAM:

The real estate price prediction model proposed in this work enables buyers and sellers to expect the price of a house. The data gathered is stored in the form of CSV format along with its features.

CONCLUSION:

 Satisfaction of customers by expanding the exactness of their decision and diminishing the danger of putting resources into a home. The sales prices will be calculated with better accuracy and precision. The system will satisfy customers by providing accurate output and preventing the risk of investing in the wrong house. That would make it even easier for the people to select the houses that best suits their budgets