IBM PHASE 1 PROJECT

HOUSE PRICE PREDICTION USING MACHINE LEARNING

TEAM MEMBERS (GROUP 1)

- DHARANI G
- GOPIKA SHREE G
- ILAKIYA V
- KEERTHIGA DEVI P
- KARTHIKA
- KOWSALYA R

ABSTRACT

- **Real estate is the least transparent industry in our ecosystem**
- **Housing prices keep changing day by day out and sometimes are hyped rather than being base on valuation**
- **Predicting housing prices with real factors is the main crux of our research project**

DATA SET

For instance, there are 79 different clients needs. Such as , lot area , pool area , utilities and neighbour hood

Data preprocessing

Clean and preprocess the data, handle missing values, and convert categorical features into numerical representations.

Feature Selection:
Select the most relevant features for predicting house prices.

Model Selection:

Choose a suitable regression algorithm (e.g., Linear Regression, Random Forest Regressor) for predicting house prices.

Model Training:

Train the selected model using the preprocessed data

Evaluation:

Evaluate the model’s performance using metrics like Mean Absolute Error (MAE), Root Mean Squared Error (RMSE), and R-squared.