

OUTPUT OF HOUSE REGRESSION MODEL PREDICTION

Regression Model Prediction

Average Area Income:

100000

Average Area House Age:

3

Average Area Number of Rooms:

2

Average Area Number of Bedrooms:

3

Area Population:

1000000

Select Model:

XGBoost

Predict

View Model Evaluation Results

Prediction Result

Model: XGBoost

Predicted Price: 1327275.6

Make Another Prediction

View Model Evaluation Results

Model Evaluation Results

	Model	MAE	MSE	R2
0	LinearRegression	8.265795e+04	1.054972e+10	9.146455e-01
1	RobustRegression	1.994656e+05	6.166491e+10	5.010882e-01
2	RidgeRegression	8.265967e+04	1.054975e+10	9.146453e-01
3	LassoRegression	8.265795e+04	1.054972e+10	9.146455e-01
4	ElasticNet	9.912681e+04	1.508138e+10	8.779812e-01
5	PolynomialRegression	8.289445e+04	1.060497e+10	9.141985e-01
6	SGDRegressor	5.580388e+17	3.531014e+35	-2.856835e+24
7	ANN	1.993924e+05	6.150572e+10	5.023762e-01
8	RandomForest	9.740167e+04	1.486687e+10	8.797168e-01
9	SVM	2.829477e+05	1.235466e+11	4.227862e-04
10	LGBM	9.213399e+04	1.309771e+10	8.940305e-01
11	XGBoost	1.015652e+05	1.613868e+10	8.694269e-01
12	KNN	1.980862e+05	6.039581e+10	5.113561e-01

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