

Head of the dataset:

	Area	BHK	Bathroom	Furnishing	\
0	800.0	3	2.0	Semi-Furnished	
1	750.0	2	2.0	Semi-Furnished	
2	950.0	2	2.0	Furnished	
3	600.0	2	2.0	Semi-Furnished	
4	650.0	2	2.0	Semi-Furnished	

		Locality	Parking	Price	\
0		Rohini Sector 25	1.0	6500000	
1		J R Designers Floors, Rohini Sector 24	1.0	5000000	
2		Citizen Apartment, Rohini Sector 13	1.0	15500000	
3		Rohini Sector 24	1.0	4200000	
4	Rohini Sector 24 carpet area 650 sqft status R...		1.0	6200000	

	Status	Transaction	Type	Per_Sqft
0	Ready_to_move	New_Property	Builder_Floor	NaN
1	Ready_to_move	New_Property	Apartment	6667.0
2	Ready_to_move	Resale	Apartment	6667.0
3	Ready_to_move	Resale	Builder_Floor	6667.0
4	Ready_to_move	New_Property	Builder_Floor	6667.0

Info about the dataset:

<class 'pandas.core.frame.DataFrame'>

RangeIndex: 1259 entries, 0 to 1258

Data columns (total 11 columns):

#	Column	Non-Null Count	Dtype
0	Area	1259 non-null	float64
1	BHK	1259 non-null	int64
2	Bathroom	1257 non-null	float64
3	Furnishing	1254 non-null	object
4	Locality	1259 non-null	object
5	Parking	1226 non-null	float64
6	Price	1259 non-null	int64
7	Status	1259 non-null	object
8	Transaction	1259 non-null	object
9	Type	1254 non-null	object
10	Per_Sqft	1018 non-null	float64

dtypes: float64(4), int64(2), object(5)

memory usage: 108.3+ KB

None

Co-eff of the hyperplane:

[6.10434405e+03 1.09112208e+07]

Intercept of the hyperplane

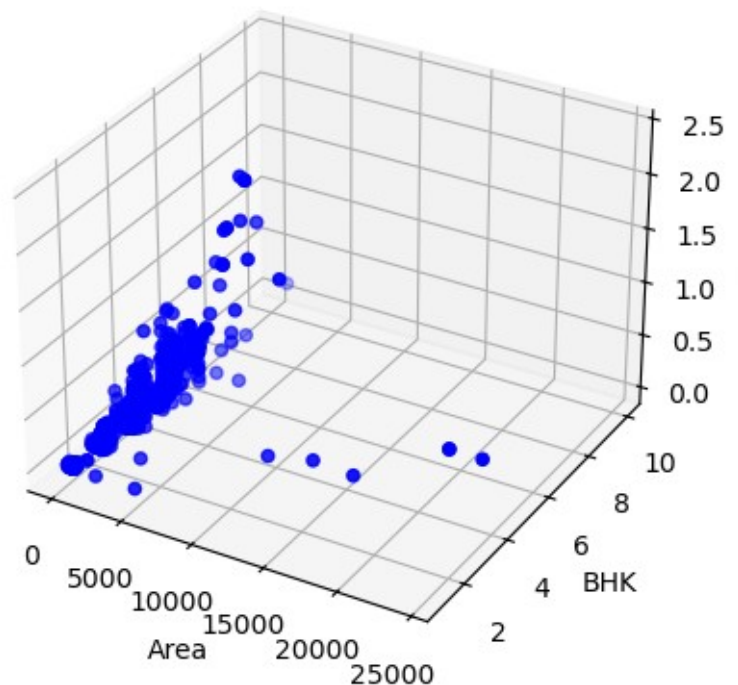
-18047167.722207986

Mean Squared Error (MSE): 206748822856445.66

Mean Absolute Error (MAE): 10338503.435916116

R2 Score of linear regression: 0.5737902953254839

3D Scatter Plot of Area and BHK vs Price



Mean Squared Error (MSE): 206751562591004.88
Mean Absolute Error (MAE): 10338501.662066026
R2 Score: 0.5737846474023602
Coefficients: [9567600.62912151 10409043.57322212]
Intercept: 21419599.18741334

