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df.isna().sum()  Home 0 Price 0 SqFt 0 Bedrooms 0 Bathrooms 0 Offers 0 Brick 0		
Neighborhood 0 dtype: int64  df.duplicated().sum()  df.shape (128, 8)		
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plt.figure(figsize=(10,6)) plt.scatter(df['SqFt'],df) plt.grid(True) plt.title("SCATTER PLOT") plt.xlabel("SqFt") plt.ylabel("Prices") plt.show()	f['Price'], alpha = 0.5)	
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<pre>dfe = pd.get_dummies(dfo, dfed=dfe.astype(int) dfed</pre>	columns=['Brick', 'Neighborhood'])    Irooms   Bathrooms   Offers   Brick_No   Brick_Yes   Neighborhood_East   Neighborhood_North   Neighborhood_West	
1       2       114200       2030         2       3       114800       1740         3       4       94700       1980         4       5       119800       2130               123       124       119700       1900         124       125       147900       2160	4       2       3       1       0       1       0       0         3       2       1       1       0       1       0       0         3       2       3       1       0       1       0       0         3       3       3       1       0       1       0       0         4       3       3       0       1       1       0       0	
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<pre>from sklearn.preprocessing scaler = MinMaxScaler() scaled_features = scaler.</pre>		
Home         Price         Sql           0         0.000000         0.346626         0.29824           1         0.007874         0.345859         0.50877           2         0.015748         0.350460         0.25438           3         0.023622         0.196319         0.46491           4         0.031496         0.388804         0.59648	772         0.666667         0.0         0.4         1.0         0.0         1.0         0.0         0.0           386         0.333333         0.0         0.0         1.0         0.0         1.0         0.0         0.0           912         0.333333         0.0         0.4         1.0         0.0         1.0         0.0         0.0	
122       0.968504       0.388037       0.39473         123       0.976378       0.604294       0.62280         124       0.984252       0.340491       0.54386         125       0.992126       0.619632       0.50000         126       1.000000       0.425613       0.70178	807         0.666667         0.5         0.4         0.0         1.0         0.0         0.0         0.0           860         0.000000         0.0         0.2         1.0         0.0         0.0         1.0         0.0           000         0.333333         0.5         0.0         1.0         0.0         0.0         1.0	
<pre>x = scaled_df.drop('Price y = scaled_df['Price']</pre>		
<pre>x_train,x_test,y_train,y_ scaled_df.describe() Home Price</pre>	tion import train_test_split _test = train_test_split(x,y,test_size=0.2)  SqFt Bedrooms Bathrooms Offers Brick_No Brick_Yes Neighborhood_East Neighborhood_North Neighborhood_West  127.000000 127.000000 127.000000 127.000000 127.000000 127.000000 127.000000 127.000000  0.480246 0.338583 0.220472 0.314961 0.677165 0.322835 0.354331 0.346457 0.299213  0.183113 0.241191 0.257071 0.214579 0.469412 0.469412 0.480204 0.477725 0.459727	
min         0.000000         0.000000           25%         0.248031         0.323236           50%         0.496063         0.434049           75%         0.744094         0.603528           max         1.000000         1.000000	0.000000         0.000000         0.000000         0.000000         0.000000         0.000000         0.000000           0.377193         0.333333         0.000000         0.000000         0.000000         0.000000         0.000000         0.000000           0.482456         0.333333         0.000000         1.000000         1.000000         0.000000         0.000000         0.000000           0.605263         0.333333         0.500000         1.000000         1.000000         1.000000         1.000000         1.000000         1.000000           1.000000         1.000000         1.000000         1.000000         1.000000         1.000000         1.000000	
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