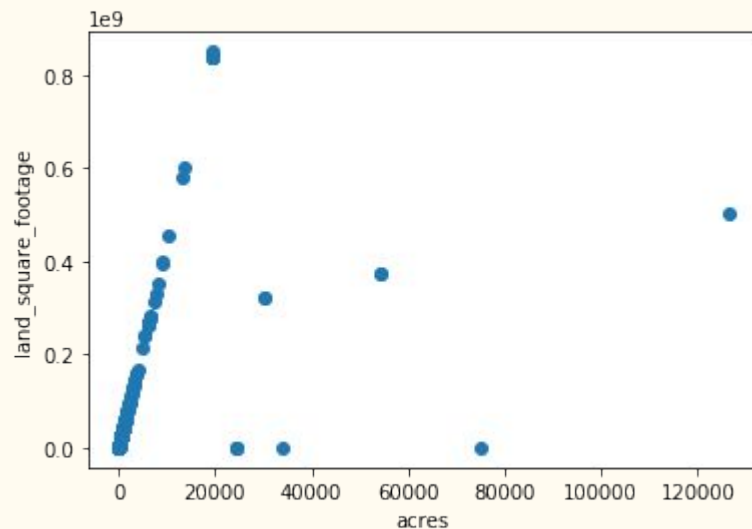# Predictions of house price

By Hongxia Hao, Yaqi Zhang, Kunrui Wang, Wenyu Zhang
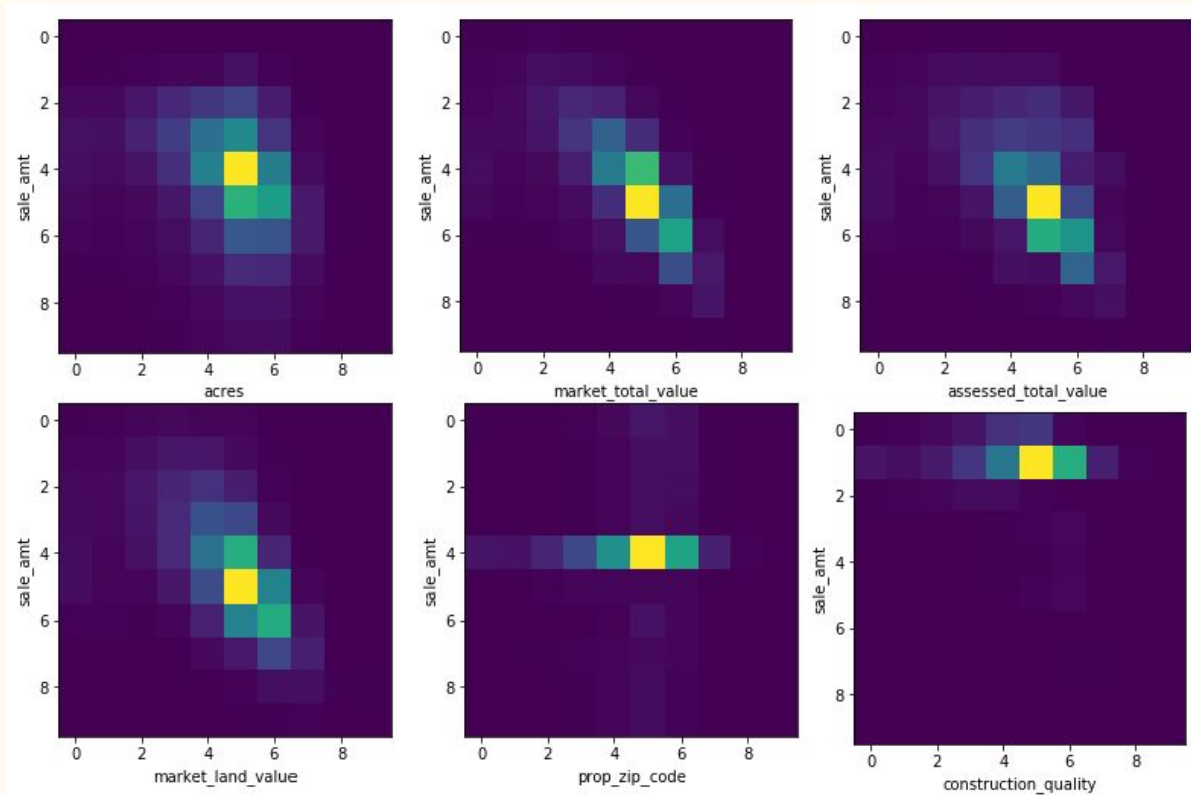
Data Preprocessing

Columns with only NAN are deleted.

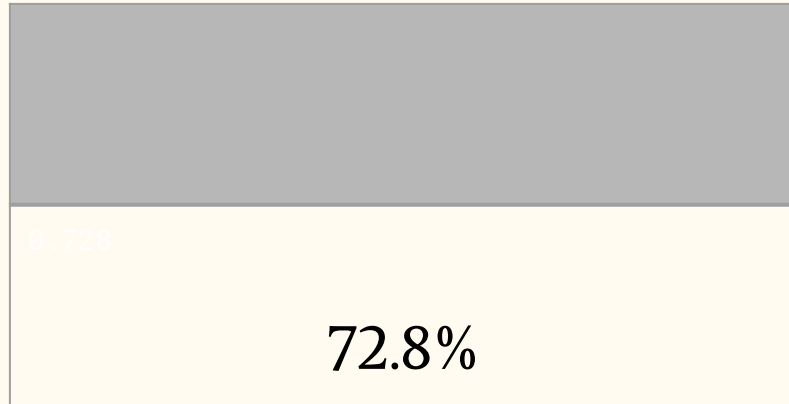Columns with duplicate information are deleted

Pick 1 column with correlated features

2D-histogram plot of sale price vs other features

Percentage Results (within 10%) - LGB

72.8%

Percentage Results (within 10%) - KNN

KNN-100	KNN-200	KNN-300
81.5%	82.8%	

Percentage Results (within 10%) - Random Forest

RandomForest (10)	RandomForest (20)	RandomForest (30)
82.8%	81.7%	80.9%

Percentage Results (within 10%) - SVM

C = 2, gamma = 0.1
83.6%

To be continued, but Promising!!!