Project introduction:

House prices- predict sales prices and practice feature engineering, RFs, and gradient boosting.

Ask a home buyer to describe their dream house, and they probably won't begin with the height of the basement ceiling or the proximity to an east-west railroad. But this playground competition's dataset proves that much more influences price negotiations than the number of bedrooms or a white-picket fence.

With 79 explanatory variables describing (almost) every aspect of residential homes in Ames, Iowa, this competition challenges you to predict the final price of each home.

Practice skills:

1/ creative feature engineering

2/ advanced regression techniques like random forest and gradient boosting.

< understand the problem - hypothesis generation - get data – data exploration – data preprocessing – feature engineering – model training - model evaluation >

Data exploration

from scipy import stats

from scipy.stats import norm