



## House Prices: Advanced Regression Techniques

Predict sales prices and practice feature engineering, RFs, and gradient boosting

5,466 teams · 2 years to go

[Overview](#)[Data](#)[Kernels](#)[Discussion](#)[Leaderboard](#)[Rules](#)[Team](#)[Submit Predictions](#)

### Overview

#### Description

#### Evaluation

#### Frequently Asked Questions

#### Tutorials

### Start here if...

You have some experience with R or Python and machine learning basics. This is a perfect competition for data science students who have completed an online course in machine learning and are looking to expand their skill set before trying a featured competition.

### Competition Description



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

- Creative feature engineering
- Advanced regression techniques like random forest and gradient boosting

### Acknowledgments

The [Ames Housing dataset](#) was compiled by Dean De Cock for use in data science education. It's an incredible alternative for data scientists looking for a modernized and expanded version of the often cited Boston Housing dataset.

[Leaderboard](#)[Kernels](#)[223 discussion topics](#)

1 XJDoe

2 ericbenhamou

3 DSXL

4 Javale

5 Mohammed Amro

6 chi7moveon

7 Deargen

8 Paulo Pinto

Starting Your ML Project

523 votes · 18 hours ago

Comprehensive data explorati...

1944 votes · a month ago

Your First Scikit-Learn Model

436 votes · 2 days ago

Regression with SVM (Python)

5 votes · 18 hours ago

Stacked Regressions : Top 4%...

1169 votes · 6 months ago

Looking to learn together !

7 replies · 4 days ago

How to find the best suited val...

2 replies · 9 days ago

Dealing with outliers

0 replies · 12 days ago

Looking for teammates (living...

6 replies · 13 days ago

ERROR: Expected 'Id' column ...

3 replies · 16 days ago

Launch

2 years ago

Close

2 years

5,466

Teams

5,809

Competitors

32,939

Entries

Points

This competition does not award standard ranking points

Tiers

This competition does not count towards tiers

Tags

tabular data

regression

rmsle

extra small