



Knowledge • 2,838 teams

# House Prices: Advanced Regression Techniques

Tue 30 Aug 2016

Wed 1 Mar 2017 (2 months to go)

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## Public Leaderboard

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4. 我也知道
5. HIT张小北
6. HungryFools
7. DoingItWithModels
8. andrewwohoo
9. prakhar\_dwdm
10. PawełKowalski

## 1,926 Kernels

Regularized Linear Models  
173 Votes / 2 days ago / PythonStacking Starter  
13 Votes / 9 days ago / PythonXGBoost + Lasso  
23 Votes / 51 days ago / PythonDetailed Exploratory Data  
Analysis using R  
55 Votes / 2 months ago / RPlotting all data  
31 Votes / 2 months ago / RCompetition Details » [Get the Data](#) » [Make a submission](#)

## Sold! How do home features add up to its price tag?



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.

The potential for creative [feature engineering](#) provides a rich opportunity for fun and learning. This dataset lends itself to advanced regression techniques like random forests and gradient boosting with the popular [XGBoost library](#). We encourage Kagglers to create benchmark code and tutorials on [Kernels](#) for community learning. Top kernels will be awarded [swag prizes](#) at the competition close.

## 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.

**Started:** 1:08 am, Tuesday 30 August 2016 UTC

**Ends:** 11:59 pm, Wednesday 1 March 2017 UTC (183 total days)

**Points:** this competition does not award [ranking points](#)

**Tiers:** this competition does not count towards [tiers](#)

script\_v6

10 Votes / 15 days ago / Python

Forum (100 topics)

Ensemble Model: Stacked Model Example

5 hours ago

Regularized Linear Models

12 hours ago

Rounding

yesterday

Data Exploration in detail!

yesterday

XGBoost + Mice implementation in R

2 days ago

Lasso model for regression problem

2 days ago

teams

players

entries