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Getting Started Prediction Competition

# House Prices - Advanced Regression Techniques

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

Kaggle · 10,546 teams · Ongoing



Overview



## 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.

Photo by Tom Thain on Unsplash.

This competition runs indefinitely with a rolling leaderboard which invalidates entries after two months.

| 10,546 | 11,039 | 67,221 |
|---|---|---|
| Teams | Competitors | Entries |

Points This competition does not award ranking points

Tiers This competition does not count towards tiers

Tags regression tabular data rmsle