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# **House Prices: Advanced Regression Techniques**

Predict sales prices and practice feature engineering, RFs, and gradient boosting 5,466 teams  $\cdot$  2 years to go

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Overview

## **Description**

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### 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.

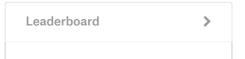
With 79 explanatory variables describing (almost) every aspect of residential homes in Ames, lowa, this competition challenges you to predict the final price of each home.

## **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.







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5,466 5,809 32,939

Teams Competitors

Points This competition does not award standard ranking points

Tiers This competition does not count towards tiers

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