



\$25,000 • 834 teams

# Liberty Mutual Group: Property Inspection Prediction

Merger and 1st Submission Deadline

Mon 6 Jul 2015

Fri 28 Aug 2015 (43 days to go)

## Dashboard

Home

Data

Make a submission

Information

Description

Evaluation

Rules

Prizes

Timeline

Forum

Scripts

Leaderboard

My Team

My Submissions

## Leaderboard

1. Dmitriy Guller
2. Arsenal
3. Detroit Hustles Harder
4. clustifier
5. We Like BIG Betas
6. test
7. HDKIM
8. inversion
9. Yashwanth Reddy
10. Evgenii Nesterenko

## 573 Scripts

Explore Data

13 Votes / yesterday / RMarkdown

Gini Scoring, Simple and Efficient

27 Votes / 4 days ago / Python

Correlation Matrix Visualization

8 Votes / 3 days ago / R

R xgBoost with Gini eval and

stopping

7 Votes / 3 days ago / R

Ensemble of RF and Xgboost in R

6 Votes / 2 days ago / R

[Competition Details](#) » [Get the Data](#) » [Make a submission](#)

## Quantify property hazards before time of inspection

A Fortune 100 company, [Liberty Mutual Insurance](#) has provided a wide range of insurance products and services designed to meet their customers' ever-changing needs for over 100 years.

To ensure that Liberty Mutual's portfolio of home insurance policies aligns with their business goals, many newly insured properties receive a home inspection. These inspections review the condition of key attributes of the property, including things like the foundation, roof, windows and siding. The results of an inspection help Liberty Mutual determine if the property is one they want to insure.

In this challenge, your task is to predict a transformed count of hazards or pre-existing damages using a dataset of property information. This will enable Liberty Mutual to more accurately identify high risk homes that require additional examination to confirm their insurability.



Liberty Mutual is interested in hiring predictive modelers like you to work on one of many growing analytics teams within our company. As a member of Liberty Mutual's advanced analytics community, you will have the opportunity to apply sophisticated, cutting-edge techniques, similar to those used in this competition, to large data sets in departments such as Actuarial, Product, Claims, Marketing, Distribution, Human Resources, and Finance. [Click to view available positions.](#)

*Because we seek to tap innovation both inside and outside the company, certain eligible Liberty Mutual employees are encouraged to participate in this challenge for development purposes. Refer to the [competition rules](#) for the full details.*

**Started:** 3:57 pm, Monday 6 July 2015 UTC

**Ends:** 11:59 pm, Friday 28 August 2015 UTC (53 total days)

factorToNumeric  
1 Vote / 7 hours ago / R

**Points:** this competition awards standard [ranking points](#)  
**Tiers:** this competition counts towards [tiers](#)

Forum (48 topics)

Xgboost - Parameter Selection / Tuning ?  
8 minutes ago

Visualization  
3 hours ago

testing to learn  
3 hours ago

Script For converting factors to numeric values  
4 hours ago

Correlation Matrix Visualization  
9 hours ago

R xgBoost with Gini eval and stopping  
9 hours ago

teams

players

entries