



Knowledge • 3,242 teams

Titanic: Machine Learning from Disaster

Fri 28 Sep 2012

Thu 31 Dec 2015 (5 months to go)

Dashboard

Home

- Data
- Make a submission

Information

- Description
- Evaluation
- Rules
- Prizes
- Frequently Asked Questio...
- Further Reading / Watching
- Getting Started With Excel
- Getting Started With Pyth...
- Getting Started With Pyth...
- Getting Started With Rand...
- New: Getting Started with R
- Submission Instructions

Forum

Scripts

Leaderboard

Visualization

My Team

- GitHub

My Submissions

530 Scripts

Visualisation of NN model performance
3 Votes / 2 days ago / R

RF_featuresel
1 Vote / 17 hours ago / R

RandomForest Benchmark
2 Votes / 2 days ago / R

Decision Tree Visualization & Submission
1 Vote / yesterday / R

Logistic regression for Titanic
0 Votes / 15 hours ago / R

TestTitanic
0 Votes / yesterday / Python

Forum (405 topics)

Competition Details » Get the Data » Make a submission

Data Files

File Name	Available Formats
train	.csv (59.76 kb)
gendermodel	.csv (3.18 kb)
genderclassmodel	.csv (3.18 kb)
test	.csv (27.96 kb)
gendermodel	.py (3.58 kb)
genderclassmodel	.py (5.63 kb)
myfirstforest	.py (3.99 kb)

See, fork, and run a random forest benchmark model through Kaggle Scripts

VARIABLE DESCRIPTIONS:

survivalSurvival
(0 = No; 1 = Yes)

pclassPassenger Class
(1 = 1st; 2 = 2nd; 3 = 3rd)

nameName

sexSex

ageAge

sibspNumber of Siblings/Spouses Aboard

parchNumber of Parents/Children Aboard

ticketTicket Number

farePassenger Fare

cabinCabin

embarkedPort of Embarkation
(C = Cherbourg; Q = Queenstown; S = Southampton)

SPECIAL NOTES:

Pclass is a proxy for socio-economic status (SES)
1st ~ Upper; 2nd ~ Middle; 3rd ~ Lower

Age is in Years; Fractional if Age less than One (1)
If the Age is Estimated, it is in the form xx.5

With respect to the family relation variables (i.e. sibsp and parch)
some relations were ignored. The following are the definitions used
for sibsp and parch.

Sibling: Brother, Sister, Stepbrother, or Stepsister of Passenger Aboard Titanic

Spouse: Husband or Wife of Passenger Aboard Titanic (Mistresses and Fiances Ignored)

Parent: Mother or Father of Passenger Aboard Titanic

Visualisation of NN model perf. (Rmd)
14 hours ago

Visualisation of NN model performance
15 hours ago

Random forrest vs logistics regression
15 hours ago

Weka - Converter - Import CSV with string attribute with commas and quotes
22 hours ago

Using linear regression for missing ages.
yesterday

Decision Tree Visualization & Submission
yesterday

Child: Son, Daughter, Stepson, or Stepdaughter of Passenger Aboard Titanic

Other family relatives excluded from this study include cousins, nephews/nieces, aunts/uncles, and in-laws. Some children travelled only with a nanny, therefore parch=0 for them. As well, some travelled with very close friends or neighbors in a village, however, the definitions do not support such relations.

teams

players

entries