



Knowledge • 3,926 teams

# Titanic: Machine Learning from Disaster

Fri 28 Sep 2012

Sat 31 Dec 2016 (8 months to go)

Dashboard

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Leaderboard

Visualization

4,358 Scripts

Exploring Survival on the Titanic

22 Votes / 10 days ago / R

Decision Tree Visualization & Submission

58 Votes / 3 months ago / R

Random Forest Survivors

3 Votes / 4 days ago / Python

Probit, Logit or RF?

4 Votes / 21 days ago / R

Beat the benchmark with one cool trick

2 Votes / 10 days ago / R

Kaggle\_First\_IpythonNotebook

11 Votes / 46 days ago / Python

Forum (483 topics)

Beginner's attempt: LB 0.8134

14 hours ago

Exploring Survival on the Titanic

2 days ago

Random Forest Survivors

2 days ago

Competition Details » Get the Data » Make a submission

Data Files

| File Name        | Available Formats               |
|------------------|---------------------------------|
| train            | <a href="#">.csv (59.76 kb)</a> |
| gendermodel      | <a href="#">.csv (3.18 kb)</a>  |
| genderclassmodel | <a href="#">.csv (3.18 kb)</a>  |
| test             | <a href="#">.csv (27.96 kb)</a> |
| gendermodel      | <a href="#">.py (3.58 kb)</a>   |
| genderclassmodel | <a href="#">.py (5.63 kb)</a>   |
| myfirstforest    | <a href="#">.py (3.99 kb)</a>   |

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

VARIABLE DESCRIPTIONS:

survival            Survival  
                      (0 = No; 1 = Yes)

pclass             Passenger Class  
                      (1 = 1st; 2 = 2nd; 3 = 3rd)

name                Name

sex                  Sex

age                  Age

sibsp               Number of Siblings/Spouses Aboard

parch               Number of Parents/Children Aboard

ticket              Ticket Number

fare                 Passenger Fare

cabin               Cabin

embarked            Port 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

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

Stacking classifiers while using  
SelectKBest  
3 days ago

What Accuracy Should I Be  
Aiming For?  
4 days ago

Random Forest Benchmark (R)  
4 days ago

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