kaggle

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Jobs • 66 teams

Telstra Recruiting: Network Disruptions

Wed 25 Nov 2015   Mon 29 Feb 2016 (3 months to go)

Dashboard

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Leaderboard

1. SRK
2. D3PO
3. DisruptiveNetwork
4. Stergios
5. Vladimir Larin
6. alex
7. Anonymous 12835
8. Ankit Gupta
9. dbawane
10. Rob Grant

Forum (3 topics)

severity_type variable clarification
15 hours ago

Understand the column descriptions in train.csv
yesterday

Not enough RAM?
2 days ago

Competition Details » Get the Data » Make a submission

Data Files

File Name	Available Formats
sample_submission.csv	**.zip (29.38 kb)**
severity_type.csv	**.zip (59.88 kb)**
train.csv	**.zip (37.96 kb)**
test.csv	**.zip (53.39 kb)**
log_feature.csv	**.zip (218.45 kb)**
resource_type.csv	**.zip (64.23 kb)**
event_type.csv	**.zip (92.58 kb)**

The goal of the problem is to predict Telstra network's fault severity at a time at a particular location based on the log data available. Each row in the main dataset (train.csv, test.csv) represents a location and a time point. They are identified by the "id" column, which is the key "id" used in other data files.

Fault severity has 3 categories: 0,1,2 (0 meaning no fault, 1 meaning only a few, and 2 meaning many).

Different types of features are extracted from log files and other sources: event_type.csv, log_feature.csv, resource_type.csv, severity_type.csv.

Note: "severity_type" is a feature extracted from the log files (in severity_type.csv). Often this is a severity type of a warning message coming from the log. "severity_type" is categorical. It does not have an ordering. "fault_severity" is a measurement of actual reported faults from users of the network and is the target variable (in train.csv).

File descriptions

- **train.csv** - the training set for fault severity
- **test.csv** - the test set for fault severity

teams

players

entries

- **sample_submission.csv** - a sample submission file in the correct format
- **event_type.csv** - event type related to the main dataset
- **log_feature.csv** - features extracted from log files
- **resource_type.csv** - type of resource related to the main dataset
- **severity_type.csv** - severity type of a warning message coming from the log

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