⚖ Research Prediction Competition

IEEE-CIS Fraud Detection

Can you detect fraud from customer transactions?

$20,000
Prize Money

IEEE Computational Intelligence Society · 5,531 teams · 11 days to go (3 days to go until merger deadline)

Data Description

In this competition you are predicting the probability that an online transaction is fraudulent, as denoted by the binary target `isFraud`.

The data is broken into two files `identity` and `transaction`, which are joined by `TransactionID`. Not all transactions have corresponding identity information.

Categorical Features - Transaction

- `ProductCD`
- `card1 - card6`
- `addr1`, `addr2`
- `P_emaildomain`
- `R_emaildomain`
- `M1 - M9`

Categorical Features - Identity

- `DeviceType`
- `DeviceInfo`
- `id_12 - id_38`

The `TransactionDT` feature is a timedelta from a given reference datetime (not an actual timestamp).

You can read more about the data from this post by the competition host.

Files

- **train_{transaction, identity}.csv** - the training set
- **test_{transaction, identity}.csv** - the test set (you must predict the `isFraud` value for these observations)
- **sample_submission.csv** - a sample submission file in the correct format

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| Data (107 MB) | API | 🗋 kaggle competitions download -c ieee-fraud-detec… | ? | ⬇ Download All | ⤢ |

Data Sources

▦ sample_submission.c...	507k x 2
▦ test_identity.csv	142k x 41
▦ test_transaction.csv	507k x 393

About this file

No description yet

Columns

⚲ TransactionID

isFraud

⊞ sample_submission.csv (5.8 MB)   2 of 2 columns ▾   Views   ⟋ ▥ ◫ ⬇ ⛶

	🔑 TransactionID ▼	# isFraud ▼
	3.66m 4.17m	0.5 0.5
1	3663549	0.5
2	3663550	0.5
3	3663551	0.5
4	3663552	0.5
5	3663553	0.5
6	3663554	0.5
7	3663555	0.5
8	3663556	0.5
9	3663557	0.5
10	3663558	0.5
11	3663559	0.5
12	3663560	0.5
13	3663561	0.5
14	3663562	0.5
15	3663563	0.5
16	3663564	0.5
17	3663565	0.5
18	3663566	0.5
19	3663567	0.5
20	3663568	0.5
21	3663569	0.5
22	3663570	0.5
23	3663571	0.5
24	3663572	0.5
25	3663573	0.5
26	3663574	0.5
27	3663575	0.5

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