Exercise 1)

Discussion post 1:

Fun Fact: Some Horses Have Died More Than Once

I've been wondering about the temporal nature of the competition dataset. In a normal dataset, a horse that has died won't be listed again. However, this is Playground competition. Who knows what kind of sorcery is happening inside the dataset. And thus, I try to do some data wrangling on the training dataset. The code I use is as follows (you can change the `values` value into whatever you want).

```
pd.pivot_table(train, index = 'hospital_number', columns = 'outcome', values = 'age', aggfunc = 'count')
```

Ben DuPey
Posted 13 days ago · 969th in this Competition

▲ 1 ▼

Wow this is a really interesting find. Thanks so much for sharing!

↩ Reply

Discussion post 2:

BROKERUS · 211TH IN THIS COMPETITION · POSTED 2 HOURS AGO

▲ 1 ▼

The mistake improved the result 🫤

A funny moment with an error due to inattention during feature engineering, which added 1.5% to the prediction. In the end, I couldn't exceed this result, so I decided to leave everything as it is.

```
test_DF['normal_rectal_temp'] = np.where((test_DF['rectal_temp'] >= 37.5) & (test_DF['pulse'] <= 38.5), 1,
0) train_DF['normal_rectal_temp'] = np.where((train_DF['rectal_temp'] >= 37.5) & (train_DF['pulse'] <=
38.5), 1, 0)
```

Ben DuPey
Posted just now · 969th in this Competition

▲ 0 ▼

This reminds me of an article I read about mistakes in science that lead to amazing finds. If it works, then go with it!

https://www.mentalfloss.com/article/21135/8-brilliant-scientific-screw-ups

↩ Reply

Exercise 2:

Link to my Notebook

Exercise 3:

✓ Submission_30.csv
Complete · 8m ago

✓ Submission_29.csv
Complete · 9m ago

✓ Submission_28.csv
Complete · 11m ago

✓ Submission_27.csv
Complete · 13m ago

✓ Submission_26.csv
Complete · 15m ago

✓ Submission_25.csv
Complete · 21h ago

✓ Submission_24.csv
Complete · 21h ago

✓ Submission_23.csv
Complete · 21h ago

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Complete · 5d ago

✓ Submission_19.csv
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✓ Submission_11.csv
Complete · 6d ago

✓ submission_10.csv
Complete · 7d ago

✓ submission_9.csv
Complete · 8d ago

✓ submission_8.csv
Complete · 8d ago

✓ submission_7.csv
Complete · 8d ago

✓ submission_6.csv
Complete · 8d ago

✓ submission_5.csv
Complete · 13d ago

✓ submission_4.csv
Complete · 13d ago · sub_4

✓ submission_3.csv
Complete · 15d ago

✓ submission_2.csv
Complete · 15d ago

✓ submission_1.csv
Complete · 16d ago · submission_1.csv