

- Home
- Compete
- Data
- Notebooks
- Discuss
- Courses
- More

- Recently Viewed
- [Students] Shopee Co...
 - 1st place solution
 - Shopee sentiment anal...
 - [Student] Shopee Cod...
 - Shopee Product Title T...

InClass Prediction Competition

[Students] Shopee Code League - Logistics

Logistics Performance

547 teams · 22 days ago

Overview

Data

Notebooks

Discussion

Leaderboard

Rules

Team

My Submissions

Late Submission

Overview

Description

Examples

Evaluation

Scoring Metric

Matthews Correlation Coefficient

Evaluation Description

Matthews Correlation Coefficient takes into account true and false positives and negatives and is generally regarded as a balanced measure which can be used even if the classes are of very different sizes.[2] The MCC is in essence a correlation coefficient between the observed and predicted binary classifications; it returns a value between -1 and +1. A coefficient of +1 represents a perfect prediction, 0 no better than random prediction and -1 indicates total disagreement between prediction and observation

$$MCC = \frac{TP \times TN - FP \times FN}{\sqrt{(TP + FP)(TP + FN)(TN + FP)(TN + FN)}}$$

In this equation, TP is the number of true positives, TN the number of true negatives, FP the number of false positives and FN the number of false negatives. If any of the four sums in the denominator is zero, the denominator can be arbitrarily set to one; this results in a Matthews correlation coefficient of zero, which can be shown to be the correct limiting value.

Notebooks

Shopee Logistics Challenge

3 votes · 11 hours ago

26 discussion topics

Timezone

1 reply · 22 days ago

Logistic - 1.0 Solution

20 votes · 22 days ago

Logistics 1.0 Solution Beginner Friendly

15 votes · 22 days ago

1.0 solution using CustomBusinessDay

10 votes · 22 days ago

2nd attempt arrived on Sunday/holiday

1 reply · 22 days ago

Submission Answer

1 reply · 22 days ago

Very Slow

2 replies · 21 days ago



547

1,244

1,927

Teams

Competitors

Entries

Points

This competition did not award standard ranking points

Tiers

This competition did not count towards tiers

This is a Kaggle InClass competition provided free to academics.
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Tags

matthewscorrelationcoefficient