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What Do You Know?

Improve the state of the art in student evaluation by predicting whether a student will answer the next test question correctly.

$5,000 · 239 teams · 6 years ago

Overview　　Data　　Discussion　　Leaderboard　　Rules　　　　　　　　　　Late Submission

Overview

Description

Rules

Prizes

When studying for a test, you want to know how well you're going to do. More specifically, you want to know what areas you need to study more. In order to help students answer this question, we are attempting to predict their probability of answering questions correctly. The data in this competition comes from students studying for three tests: the GMAT, SAT, and ACT.

You are attempting to predict, for each question attempted in the test set, whether the student will answer the question correctly. To succeed, you will need to improve on the state-of-the-art in student evaluation. While the questions included labels indicating their specified test area, there may be structure which helps better organize the areas of knowledge involved in each question. In the short term, this will help students figure out what areas they are weak in; but ultimately, this will help create tests to better measure what a student actually knows.

The prize pool is $5,000 ($3,000 for first, $1,500 for second and $500 for third), with entries judged using Capped Binomial Deviance.

Leaderboard　　　　　　　　　❯

1　Steffen Rendle

2　Alexander D'yakonov

3　ekla

4　PlanetThanet & Birutas

5　UCSD-Triton

64 discussion topics　　　　　　❯

Academic Research
1 reply · 2 years ago

Grockit post-Challenge submission system
1 reply · 4 years ago

Looking to join a team
18 replies · 5 years ago

6   JP

7   Indy Actuaries

8   YetiMan

Collaborators on ML in education?
1 reply · 5 years ago

svm question (newbie question)
1 reply · 6 years ago

Launch   **Close**
6 years ago   6 years ago

239   **280**
Teams   Competitors

Points   **This competition awarded standard ranking points**
Tiers   **This competition counted towards tiers**

Tags   custom metric   small

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