

Grade Point Averaging

You can download the initial question file from [this link](#).

Amirali's parents promised to give him a bicycle if he gets a high average in his exams. But Amirali can't wait until the end of the exams and wants to know right now how much of a chance he has to get a high average. That's why he asks you to train a model that estimates the final average of a student using their information throughout the school year.

Evaluation Metric

The R2 Score metric is used to evaluate your model. To score in this question, your model must have an R2 Score of at least 0.4, and in this case, the final score will be calculated based on the following formula:

$$\text{round}(r2score, 3) \times 100$$

If your model does not reach the minimum threshold, the score you receive will be **zero**.

▼ Attention

During the competition, the score you see is only the result of evaluating your model on 30% of the test data. After the competition time ends, your **final score** will be calculated on the remaining 70%.

This is done to prevent overfitting and maintain the generality of the model to ensure that models that have been overfitted will have their scores reduced in the final scoring.

How to Submit a Response

To answer this question, first open the notebook file located in the initial file, and then perform the steps as requested. Finally, after running the answer-generating cell (the last cell of the notebook file), submit the created result.zip file.

▼ Important Warning

Note that before running the answer-generating cell, you must have saved the changes made in the notebook using the ctrl+s shortcut key, otherwise, at the end of the competition, your **score** will be changed to **zero**.

Also, if you are using Colab to run this notebook file, before submitting the result.zip file, download the latest version of your notebook and place it inside the submitted file.