Student Performance in Exams

Overview

In this hackathon, you are challenged to decide what factors contribute to good performance(marks) in the exam. Whether gender of the student, the race/ethnicity of the student, the level of education of their parents, the type of lunch they ate, the completion of the test preparation course etc.

Here, the prediction task is to determine whether a student passes or fails the exam given such features.

Data Dictionary

The dataset contains several student parameters and the marks scored by them in various subjects. The parameters are self explanatory.

Train File

CSV containing the students for whom 'Pass/Fail' status is known.

Test File

CSV containing the students for whom 'Pass/Fail' status is to be predicted.

Submission File Format

Variable	**Description**
Student_Id	Id of the Student
Pass/Fail	Predicted Pass/Fail Status

Public and Private LeaderBoard

Test file is further divided into Public (25%) and Private (75%).

- Your initial responses will be checked and scored on the Public data.
- The final rankings would be based on your private score which will be published once the competition is over.

Evaluation Criteria

Your model performance will be evaluated on the basis of **F1-score**.

Rubrics

Component	Weightage
Data Cleaning and Data Visualization	25%
Model Building and Evaluation	60%
Pipeline and Deployment (Dashboard/Webapp)	15%