

Ideation Phase

Problem Statement

Date	19 October 2022
Team ID	PNT2022TMID47442
Project Name	University Admit Eligibility Predictor
Maximum Marks	2 Marks

Problem Statement

Most of the students who apply and sit for the admission test do not have the guarantee of admission opportunities in the university because of the limited number of seats. Students must overcome the barrier of admission test and qualify in the examination to secure their seats. Such students must go through a long time of mental stress or illness before or after the admission test. But with the aid of modern technologies and strategies e.g. educational data mining, this predictor can reduce the problem and make students aware of it early in the admission test. If any student can know the pre-examination and postexamination status of a particular university for undergraduate admission, it will be a great benefit for him/her to take the necessary steps to improve the admission test's performance so that he/she can get a chance at the desired university. Hence, we want to help the students to judge and improve themselves before or after the admission test using this system.

This project addresses machine learning models to predict the chance of a student to be admitted to an university. This will assist students to know in advance if they have a chance to get accepted or not. The machine learning models are Random forest regression, linear regression and Logistic regression. Experiments show that the Random forest regression model surpasses other models.