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| **Team ID** | **PNT2022TMID12575** |
| **Project Topic** | **University Admit Eligibility Predictor** |

# UNIVERSITY ADMIT ELIGIBLITY PREDICTOR

## OBJECTIVE:

In the current environment, graduate students frequently struggle to identify a suitable institution to pursue higher education depending on their profile. University recommendations can be made by various advisory organizations and online applications, however, they come with hefty consulting costs and are not reliable.

To help students determine if their profile is appropriate or not, this model gives an analysis of scores versus the chance of prediction based on previous data. Early versions of these prediction systems had a number of flaws, such as failing to take into account crucial factors like GRE (Graduate Record Exam) results or research experience. Furthermore, older models' stated accuracy is likewise insufficiently low.

The proposed model uses linear regression and random forest algorithms and we will predict the eligibility of students getting admission based on test attributes like GRE, TOFEL, LOR, CGPA, etc. The suggested model considers a number of student-related criteria, such as their background in research and industry, among others.

- The main objective of this project is to help the students to save the time and money that they have to spend at the education consultancy firms.
- This project also will help them to limit their number of applications to a small number by proving to them the suggestion of the universities where they have the best chance of securing admission thus saving more money on the application fees.