

## PROBLEM STATEMENT

This is a requirement specification for a new college admissions eligibility prediction based on data science. This is an AI-based application that prompts users to enter their transcript details and calculates their chances of admission to their chosen college level. It also provides an analysis of the data and shows how the likelihood of admission depends on various factors. This document describes the scope, goals, and objectives of the system. In addition to explaining non-functional requirements.

**Project Name:** University Admit Eligibility Predictor.

**Development Platform:** Jupyter Notebook and Anaconda application.

In the current world scenario, just having a bachelor's degree is not enough. Most employers now require new employees to be highly qualified. Correspondingly, the requirements for a good university education are also higher. Many students prefer to continue their higher education. Admission to these universities requires some academic requirements. However, with so many different levels of colleges and universities, students are often left with the last-minute dilemma of whether or not their application will be accepted due to the lack of specific documentation stating their requirements. Developed after examining many leading machine learning algorithms, our AI models are the most accurate predictors of a student's admissions likelihood based on their current college-level grades and other academic background of their choice. To do.

The purpose of this project is for users to enter their academic data and receive predictions regarding their likelihood of admission to their desired college level. The system will also implement a database so students can store data, review and edit as they progress, and their latest predictions will be saved in their profile.

Aspects of web security other than password protection within the site are not part of this project.

Students - Indian students will benefit most from this scheme.

Administrators - Administrators should have access to all data stored in the application.

The system is available to all users from anywhere as long as they have an internet connection. The administrator can access her website from anywhere with the correct credentials and internet access.

### Overview of Document:

The system should answer students' questions competently and succinctly, and provide the most accurate analysis possible of their chances of getting into college.

The system is based on a limited data set, which can affect the overall accuracy of predictions. Many other factors such as personal interviews also play a large role in the admission process, so the system cannot guarantee that our predictions are 100% guaranteed admission.

Other factors, such as changes in colleges and university policies, may also affect your chances of admission in ways beyond the scope of this project.