

Abstract

Many students currently pursue their education outside of their home nations. These international students mostly have the United States of America in mind. India and China account for the majority of foreign students in the United States of America. The number of Indian students enrolling in postgraduate programmes in the USA has sharply increased during the last ten years. Each applicant must contend with a challenging admission process due to the rise in the number of overseas students studying in the United States.

It might be challenging for aspiring graduate students to decide which universities to apply to. Students frequently question whether their resume is strong enough for a particular university. This issue has been dealt with in this research by modelling a recommender system based on different classification techniques.

Thegradcafe.com provided the necessary data. Based on this data set, several models were developed, and the best one was selected to recommend universities to the students along with others having comparable features. This increased the likelihood that the student would be admitted from that list of universities. Classification algorithms have also been used to forecast a student's likelihood of admission to a specific university.

The project uses a machine learning model to estimate, using information like marks and other details, whether the user is qualified for admission to the rating universities that have been chosen. The algorithm is designed to display the % of possibility of admission when the user enters information such as GRE, TOEFL, SOP, LOR, CGPA, and University Rating. A user interface is given to the user so they can enter the above-mentioned information for prediction.