

Abstract

Entrance to universities and colleges is a complicated process that involves more than just matching exam results and admission standards. 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 designing a recommender system based on different classification techniques.

From thegradcafe.com, the necessary information was gathered. Based on this data set, several models were developed, and the top model as well as a few more models with comparable qualities carrying universities are recommended to the students in order to increase the likelihood that they will be admitted from that list of universities. The acceptance likelihood of any student at any certain university has also been predicted using classification algorithms.

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 user's percentage likelihood of admission when they enter information such their GRE, TOEFL, university rating, SOP, LOR, CGPA, and research scores. The user is given access to a user interface (UI) (Web-based application) where they can enter the above-mentioned information for prediction.