

UNIVERSITY ADMIT ELIGIBILITY PREDICTOR

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ABSTRACT

- ❖ 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.

ABSTRACT

- ❖ 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.
- ❖ The 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 criteria, such as their in research and industry etc.

INTRODUCTION

- ❖ The world markets are developing rapidly and continuously looking for the best knowledge and experience among people.
- ❖ Young workers who want to stand out in their jobs are always looking for higher degrees that can help them in improving their skills and knowledge.
- ❖ As a result, the number of students applying for graduate studies has increased in the last decade.
- ❖ The students and the possibility of getting admitted to their dream college based on their previous academic details.

CONTD.,

- ❖ University prediction would be the easiest mode to predict the university/colleges person is applicable for as well as it would unbiased and totally transparent.
- ❖ Individually would no more need to depend upon the consultancies who may be slightly deviated towards the list of colleges/university that may be having contract with them.
- ❖ Moreover applying to only that colleges/university where the student has genuine chance would even reduce application process.

OBJECTIVE

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

LITERATURE SURVEY

TITLE	AUTHOR AND YEAR	PROPOSED SOLUTION	PROS AND LIMITATIONS	PROBLEM PROPOSED
Graduate Admission Prediction Using Machine Learning Techniques.	K.Jeevan Ratnakar, G. Koteswara Rao, B. DurgaPrasanth Kumar, G.prithvi, D.Venkata SaiEswar, 2021.	The decision tree algorithm based on the test attributes like GRE, TOEFL,CGPA are have a possibilities of chance of admit is calculated.	Based on the different parameters that are provided in the dataset have been trained and tested with testing data whether the student has a chance or not, if Parameter missing ,it reflects on the result	The students to know in advance if they have a chance to get accepted to their expected universities or not.
College Admission Prediction using Ensemble Machine Learning Models.	Vandit Manish Jain, Rihaan Satia, 2021.	Linear regression model is a method used as response for only a single feature, it is based on Supervised learning.	Every year millions of students apply to universities to begin their educational life. So, every year we have to Change.	This paper aims to build a model that can help students to pick the right universities based on their profiles.



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Graduate Admission Prediction Using Machine Learning	Ali Bou Nassif, Sara Aljasmí, Ismail Shahin, Ashra Elnagar, 2020.	Machine learning models to predict the chance of student to be admitted to a Master's program.	The multiple linear regression will be used to predict the student admission eligibility along with different algorithms like Random Forest, KNN etc.	The students to know in advance if they have a chance to get accepted to their expected universities or not.
Prediction for University Admission using Machine Learning.	Chithra Apoorva D A, Malepati ChanduNath, Peta Rohith, Bindu Shree.S, Swaroop.S, 2020.	Bayesian Networks Algorithm have been used to create a decision support network for evaluating the application submitted by foreign students of the university.	Previous research done in this area used Naive Bayes algorithm but the main drawback is they didn't consider all the factors which will contribute in the Student admission process like TOEFL/ SOP, LOR and UG .	This model was developed to forecast the progress of prospective students by comparing the score of students currently studying at university.



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The Predictive Validity of Admission Criteria for College Assignment in Saudi Universities	Abdulaziz Althewini, 2020	The college assignment using King Saud bin Abdulaziz University . Data were analyzed with multinomial logistic and multivariate linear regression.	Scores from high school and standardized tests were collected for 1,595 students. Based on the results of this study, admission criteria may not be reliable	Admission criteria can be used to predict Saudi student performance in college, but significant Differences across factors.
Graduate Admission Predictor.	Rochelle Michel, Vinetha Belur, Bobby Naemi, Harrison Kell,2019.	It contains: (a) the decentralized nature of graduate admissions; (b) the types of materials that are collected as part of the application Process, testcores.	This approaches the admission based on the specific parameters like higher Secondary school marks, and their percentage etc,.	This research helps to find the possibilities of getting chance into the Higher Educations.

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Thank You