UNIVERSITY ADMIT ELIGIBILITY PREDICTOR

LITERATURE SURVEY

TITLE	AUTHORS	DESCRIPTION AND RESULTS
Universities admissions predictor November 2020	Aanchal Thakur	An AI based application is developed using linear regression which obtains the user to input their academic data and calculates their chances of admission into the University Tier that they selected. It also provides an analysis of the data and shows how chances of admissions can depend on various factors.
Graduate Admission Prediction Using Machine Learning December 2020	Sara Aljasmi, Ali Bou Nassif, Ismail Shahin, Ashraf M Elnagar	Uses Machine Learning models like Linear Regression, Random Forest, Multilayer Perceptron, K-nearest neighbor to predict the chance of a student to be admitted in Master's Program
A Recommender System for Predicting Students' Admission to a Graduate Program using Machine Learning Algorithms February 2021	Inssaf El Guabassi, Zakaria Bousalem, Rim Marah, Aimad Qazdar	Machine Learning regression algorithms like Linear Regression, Decision Tree, Support Vector Regression, and Random Forest Regression were used to build a predictive model for predicting students' admission in higher education.The parameters used in this study are GRE Score, TOEFL Score, University Rating, SOP, LOR, CGPA, and Research Experience.
Predicting student university admission using logistic regression June 2020	Sharan Kumar Paratala Rajagopal	Developed a machine learning model using logistic regression to demonstrate the top contributing scores which helps the student to get the admission into the Master's degree program. The results of this examination appear to indicate that GRE Score, TOEFL Score, University Rating, SOP, LOR, CGPA greatly contribute to the 'Chance of Admit'.
Graduate Admission Prediction using Machine Learning Techniques	Jeevan Ratnakar, Koteswara rao, DurgaPrasanth Kumar, Prithvi, Venkata SaiEswar	Uses Multiple Linear Regression, Random forest Regression, Dimensionality Reduction to predict the eligibility of students getting admission into their Master's Program using GRE, TOEFL, CGPA, LOR,etc.

College Admission Prediction using Ensemble Machine Learning Models December 2021	Vandit Manish Jain, Rihaan Satia	A model that can help students to pick the right universities based on their profiles was built using linear regression, ANN, Decision tree. The dataset contains information on the student profile and the university details with a field detailing if the admission was positive or not. The predictions were then compared using key performance indicators(KPIs) and finally concluded that linear regression model performed well.
Multiple Machine Learning Classifiers for students admission into University May 2019	Anil B, Akram Pasha, Aman Kumar Singh, Aditya Kumar Singh	This model uses supervised learning classifier models like linear and non-linear algorithm, logistic regression, decision tree, Decision Tree, Naive Bayes,etc. to classify applications of students for master's Program into 'Accept' and 'Reject'
Student Admission Predictor December 2017	Himanshu Sonawane	A Student Admission Predictor (SAP) system was developed which will help the students to predict the chances of their application being selected for a particular university based on their profile. Also, the system will provide a recommendation of universities to the student to which the student has a high possibility of getting admission. Multiple machine learning classification algorithms were evaluated to develop the system. Finally, K Nearest Neighbours and Decision Tree algorithms were used as they were found to be the best fit for the system developed.