

UNIVERSITY ADMIT ELIGIBILITY PREDICTOR

Literature Survey

TEAM MEMBERS

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LITERATURE SURVEY

Table 1

Sl. No.	Title	Author & Publications	Year	Description
1.	College Admission Prediction using Ensemble Machine Learning Models	Vandit Manish Jain, Rihaan Satia & <i>International Research Journal of Engineering and Technology(IRJET)</i> .	2021	This paper aims to build a model that can help students to pick the right Universities based on their profiles by using Machine Learning, Linear Regression algorithm, Decision Trees algorithm, Random Forests algorithm.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
2.	Prediction for University Admission using Machine Learning	Chithra Apoorva D A, Malepati ChanduNath, Peta Rohith, Bindu Shree.S, Swaroop.S & <i>International Journal of Recent Technology and Engineering(IJRTE)</i> .	2020	For this work, several machine learning algorithms have been used, K- Nearest Neighbor and Linear Regression, Random Forest are used. Students can use the model to assess their chances of getting admission into a particular university with an average accuracy of 79 percentage.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
3.	College Admission Predictor	Annam Mallikharjuna Roa, Nagineni Dharani, A. Satya Raghava, J. Buvanambigai, K. Sathish & <i>Journal of Network Communications and Emerging Technologies (JNCET)</i> .	2018	In this paper the overall objective in the development of database technology has been to treat data as an organizational resource and as integrated whole.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
4.	COLLEGE RECOMMENDATION SYSTEM FOR ADMISSION	Miss. Deokate monali, Miss. Gholave Dhanashri, Miss. Jarad Dipali, Miss. Khomane Tejaswini, Guided by: Prof. Nale R. K & <i>International Research Journal of Engineering and Technology (IRJET)</i> .	2018	In this system it use different algorithms, in that we are going to add semantic analysis algorithm which will capture the positive and negative comments. Naïve bayes and adaboost algorithm rating parameter to stream college.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
5.	College Recommender system using student' preferences/voting: A system development with empirical study	Mr. Y. Subba Reddy and Prof. P. Govindarajulu & <i>IJCSNS International Journal of Computer Science and Network Security.</i>	2018	In this paper an effective weighted clustering process WCLUSTER is implemented using R-tree data structure. A new technique was proposed for student's preferences /voting.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
6.	Graduate Admission Prediction Using Machine Learning	Sara Aljasmi, Ali Bou Nassif, Ismail Shahin, Ashraf Elnagar & <i>INTERNATIONAL JOURNAL OF COMPUTERS AND COMMUNICATIONS.</i>	2020	This program addresses machine learning models to predict the chances of a student to be admitted to a master's program. The machine learning models are multiple linear regression, k-nearest neighbor, random forest and Multilayer perceptron.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
7.	College Guesstimate (A Web Portal for College Prediction)	Rahul Sathawane, Rohan Battulwar, Prasheel Fuley, Ananiya Mahajan, Shivam Joshi, Roshan Chaturpale & <i>IJARIIIE</i> .	2018	In this paper, Random forest Algorithm was used. Helpful for students to make a choice.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
8.	PREDICTING STUDENT UNIVERSITY ADMISSION USING LOGISTIC REGRESSION	Sharan Kumar Paratala Rajagopal & <i>European Journal of Computer Science and Information Technology.</i>	2020	In this Journal, Logistic Regression predicts 87. 5% accuracy used for predicting the admit chances based on GRE Source, TOFEL Source, University rating, SOP, LOR, CGPA factor.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
9.	Graduate Admission Prediction Using Machine Learning Techniques	K. JeevanRatnakar, G. Koteswara Rao, B. DurgaPrasanth Kumar, G. Prithvi, D. Venkata SaiEswar & <i>International Journal of Advanced Research in Science, Engineering and Technology.</i>	2021	This paper is proposed different machine learning algorithms for predicting the chances of admission. The models are K-Nearest Neighbor and Linear Regression, Ridge Regression, Random Forest. These are trained by features have a high impact on the probability of admission.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
10.	Student academic performance prediction model using decision tree and fuzzy genetic algorithm	Hashmia Hamsa, Simi Indiradevi, Jubilant J. Kizhakkethottom & <i>Global Colloquium in Recent Advancement and Effectual Researches in Engineering, Science and Technology.</i>	2016	In this paper, Decision Tree Algorithm, Fuzzy Genetic Algorithm was used. This helps to expect a better and almost scent results from exams.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
11.	University Admission Prediction using Machine Learning	Kruthika CS, Apeksha B, Chinmaya GR, Madhumathi JB, Veena MR & <i>Global Journal of Research and Review</i> .	2021	The primary objective of this to make a machine learning model which could be utilized by understudies who need to seek after their Education. Many AI algorithms were used for this examination.

LITERATURE SURVEY(CONTD.)

Sl. No.	Title	Author & Publications	Year	Description
12.	A Recommender System for Predicting students' Admission to a Graduate Program using Machine Learning Algorithms	Inssaf El Guabassi, Zakaria Bousalem, Marah Rim, Aimad Qazdar & <i>Article in International Journal of Online and Biomedical Engineering(iJOE).</i>	2021	In this paper, Support Vector Regression, Random Forest Regression was used. Random Forest Regression is the most suitable Machine Learning Algorithm for predicting university admission. CGPA is the important factor that influences the chances of admission.