

University Admit Eligibility Predictor

Literature survey

S.No	Title	Author and year of Publication	Proposed Work	Limitations
1.)	Predicting Undergraduate Admission	Md. Protikuzzaman et al[1] [2020]	The authors begin by gathering information from Bangabandhu University of Science and Technology of Sheikh Mujibur Rahman (BSMRSTU). They pre-process the data after gathering it. Feature extraction from the data. After that, they use supervised machine training, data validation, and extraction techniques for learning understanding from it.	Error percentages are lower because of k-fold cross-validation
2.)	College Admission Prediction using Ensemble Machine Learning Models	Vandit Manish Jain et al[2] [2021]	This paper states that, One can enter their scores in the proposed system by the corresponding fields offered. After that, the system performs the data entered generates a list of the results of colleges that a person's results might qualify them for. we have suggested an innovative technique using algorithms for machine learning. To increase the our model's accuracy, we have included not only Several machine learning algorithms, not just one.	It gives ambiguous result if unequal observations are present in dataset.
3.)	College Admission Predictor	Annam Mallikharjuna Roa et al[3] [2018]	This paper illustrates a model of developing a model with security based classification model which tells the student's class admission	It does not include all the desired features.

			based on advanced machine learning techniques such as k-means , naïve based technioques.	
4.)	Prediction Probability of Getting an admission using ml	A.Sivasangari et al[4] [2021]	In this paper, the modelling dataset has the following appearance. Preprocessing is an essential stage of the process. Choosing how to handling missing data is a typical issue in data cleaning. After cleaning , prediction done.	The most important feature is only considered for prediction
5.)	Engineering & Technology Admission Analysis And Prediction	Mr. Sachin Bhoite et al[5] [2021]	This paper aims in helping students to select engineering college for first year based on marks.For achieving that , they used machine learning algorithms such as k nearest neighbour , decision tree classifier.	Tuning the model is essential for better accuracy.
6.)	Graduate admission predicting using machine learning	Ali bou nasif[6][2020]	In this paper , they assist in advance prediction for student gettting into a college.The algorithms used here are multiple linear regression , multilayer perceptron.	Larger dataset is required to train the model to give best performance
7.)	College Admission Predictor and Smart List Generator	Kiran Kumari et al [7] [2019]	This paper illustrates to generate probability to predict yes or no. This is done using filters and several preprocessing steps. Several analysis of algorithms done and they are compared to get a optimised and well defined class lables.	The process of data feeding is manual and prediction is limited to certain region only.
8.)	Hybrid recommend system for college prediction	Abdul hamid et al[8][2020]	This paper aims at construction of trusted recommendation system based data mining techniques and frame rules to predict the enrollment of student's admission. Based on parameters like capacity, course rate, student's score and classify them accordingly.	The real students data was used from KAU, so the design is not generic.

References :

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