

LITERATURE SURVEY:

Predicting Graduate Admissions:

Acharya et al proposed a comparative approach to predicting graduate admissions by developing four models of machine learning regression: linear regression, vector support, decision tree, and random forest.

College Admission Predictor:

Roa et al built a College Admission Predictor in the form of a web application, taking as input the scores obtained by the applicant and his/her personal information and predicting potential college admissions as output.

Student Admission Predictor:

The primary objective of this research is to develop a system to solve the problems the international students are facing while applying for universities in the USA. They developed a Student Admission Predictor (SAP) system. Multiple machine learning classification algorithms were evaluated to develop the system. Finally, K Nearest Neighbor's and Decision Tree algorithms were used as they were found to be the best fit for the system developed.

Predicting Undergraduate Admission:

Developing an admission prediction system for the undergrad students in the engineering. Predicting the admission opportunity both before and after the admission test. Analyzing and evaluating the possible factors of an admission candidate that affect the admission chance. They use the concepts and techniques of data mining

Predicting Final Exam Results:

Anuradha and Velmurugan built a new method for predicting the students' final exam results. They applied statistical classification techniques. The experiment shows classifier Naïve Bayes performs better than the other classifiers. The author noted that data mining would improve student status and success at the educational institution.

Graduate Admission Test:

In KSA the eligibility test conducted for graduate admission is GAT. All Saudi students desirous of gaining admission to any university are required to take GAT. The test measures the analytical and deductive abilities of students. The test is so designed that it examines the student's general capacity for learning, without focusing on any specific subject or topic. The abilities/skills that are tested in GAT include reading comprehension, recognizing of logical relations, problem solving using mathematics, inference and measuring capacity.

