IDEATION :

IDEA 1:

Our project is designed to evaluate the profiles of students who want to pursue MS in the US. The profile evaluation for MS is done based on a student's undergrad percentage/GPA, GRE, and TOEFL scores. This free profile evaluation tool helps you shortlist the right set of universities to apply to, so you can optimize your efforts in the quest of that dream admit.

You need to firast enter the basic details like email, phone number, etc. Then the second step is to input the GRE score followed by the English TOEFL/IELTS score. After this, you would be asked to input your academic record - consisting of the GPA scale, GPA score, and the highest GPA in the class. Then, the undergrad details are asked wherein you would need to mention your school, major, and year of graduation. This is followed by the details of your target course. And finally, the last step consists of additional information like the term of the target course, target year of admission, and dream college.
this evaluator tool gives 3 key outputs:

1. A list of 12 colleges, which are further classified into safe, moderate and ambitious categories, as per your profile's probability of securing an admit from these universities.
2. For each of these schools, we provide further details like Percentile (i.e. your rank amongst past successful admits), Major wise University Rank, Class Percentage, GRE Quant Median, and GRE Verbal Median. These parameters help you to better gauge your chances of success and you can easily filter out which colleges to apply for.
3. The GyanDhan Admit Predictor also helps you to understand as to how your profile can be further improved to secure an admit in your target college. It can guide you whether you need to retake the GRE or not, in order to improve your chances of landing an admit in your preferred university. It also compares your GPA with the median GPA of the successful applicants of your target university. In case, your GPA falls short of the median GPA then the other areas of your application which can add weight to your profile are suggested by the tool.

IDEA 2:

Every year, academic institutions invest considerable effort and substantial resources to influence, predict and understand the decision-making choices of applicants who have been offered admission.

In this study, we applied several supervised machine learning techniques to four years of data on 11,001 students, each with 35 associated feature.

By treating the question of whether a student offered admission will accept it as a binary classification problem, we implemented a number of different classifiers and then evaluated the performance of these algorithms using the metrics of accuracy, precision, recall, F-measure and area under the receiver operator curve.

The results from this study indicate that the logistic regression classifier performed best in modeling the student college commitment decision problem, i.e., predicting whether a student will accept an admission offer, with an AUC score of 79.6%.

The significance of this research is that it demonstrates that many institutions could use machine learning algorithms to improve the accuracy of their estimates of entering class sizes, thus allowing more optimal allocation of resources and better control over net tuition revenue.

The goal of our research is to develop a model that can make an accurate prediction regarding each student's college commitment decision by classifying the student into one of two categories: *accepts admission offer* and *rejects admission offer*.

In other words, we characterize the student college commitment decision problem as a binary classification problem using supervised machine learning .

IDEA 3:

The future and sustainability of the higher education model is an important topic of discussion. The University Admit Eligibility Prediction can give the estimated idea of the college based on the performance of the students by considering the rank in the competitive exams as well as by considering the inputs like class 10 th marks, 12 th marks. The above details can be taken into account and the best-suited college for them should be predicted.

Based on the students 10th and 12th marks the school would issue the predicted score.It should have the genuine letter head, institution seal, signature of the authority along with the current date when you submit the same.

It requires score of entrance exam like jee mains, neet, mhtcet etc. You need score well in one of these exams for predicting the suitable college. the application of machine learning techniques to analyze data and other information in the context of educational settings. This area of study is generally known as "educational data mining" can be used.

The college predictor lets you predict the rank for the college for which you might get selected for admission for that particular academic year.The students shall be shortlisted for the university based on your merit list and preferences.

The rank predictor uses an advanced algorithm, opening marks, and closing marks of the previous year's counselling data to predict the best college for you to pursue the program.

With the help of the rank predictor, you can easily estimate your rank based on your scores in the **university admit eligibility predictor**

shall be shortlisted for the seat allotment process based on your merit list and preferences. If your name is on the allotment list, you can either accept the seat, apply for an upgrade, or exit from the admission process.