UNIVERSITY ADMIT ELIGIBILTY PREDICTOR

Project Design Phase-I

Proposed Solution

Date	16 October 2022
Team ID	PNT2022TMID11450
Project Name	University Admit Eligibility Predictor
Maximum Marks	

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	People are unaware of the admission standards in various universities. Choosing the best university that meets the user's eligibility. At times they do know which stream they want to get into, but it is not easy for them to find universities based on their academic marks and other performances.
2.	Idea / Solution description	The aim is to develop and provide a platform which would give output of how likely it is to get into a university based on their cut-off. To design a university prediction system and to provide a probabilistic insight into college administration for overall rating, cut-offs of the colleges, admission intake and preferences of students.
3.	Novelty / Uniqueness	It has always been a tiresome process for students in finding the perfect university and course for their studies. It would definitely be easier for students if they get relief from step of selecting best universities based on their cut-offs.
4.	Social Impact / Customer Satisfaction	This analysis should also help students to get details of the universities and the streams available. The predicted output gives them a fair idea about their admission chances to a particular university based on their cut-off.

5.	Business Model (Revenue Model)	Financially, earning from the students admission fees but they need to get in their selected university by prediction which is done by this prediction. In this project, this problem has been solved by modeling a recommendation system based on various classification algorithms.
6.	Scalability of the Solution	In this project, this problem has been solved by modeling a recommendation system based on various classification algorithms. A user-friendly application which uses latest Machine learning models to predict the admission availability with high accuracy and good time complexity for particular student where academic have been used as attributes for classification. K nearest neighbor is used to predict best University. K means clustering is used to find more similar universities. Support Vector Machine is used to predict the admission chance of a particular student on specific University.

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