

SOCIAL BUSINESS IMPACTS

INTELLIGENT ADMISSIONS : The Future Of University Decision Making With Machine Learning

- The business requirements for a machine learning model to predict chances of student Admission in the university.
- A project aims to predict the chances of a student getting Admitted to a particular university based on certain factors
- The business value of this Project is that it will help students make more informed decisions about which universities To apply.
- Help university counselors to better advise students on the universities They are most likely to be admitted to the university.

- The University Chances of Admission project is a well-researched topic in the field of Education and machine learning.
- One study by (Hsu and Chen, 2019) Used decision tree, random forest, and logistic regression algorithms to predict the chance
- University admission based on students' GPA, test scores, and personal information.
- The Study found that the neural network performed well with an accuracy.
- Various machine learning algorithms can be used to predict the chance Of university admission with high accuracy.
- The ability to accurately predict the chances of university admission can Help students make more informed decisions about which universities to apply to,
- Increasing their chances of being admitted and ultimately gaining access to higher Education.

- Using machine learning models to predict university Admission, the service can help universities
- more efficiently process and evaluate Applications, potentially increasing the number of successful admissions.
- An increase in the number of successful admissions can lead to an increase in revenue For universities, as well as for the company providing the prediction service.
- Has the potential to customise and personalise the admissions process, speed up administrative processes.
- The implications for an institution's financial bottom line are obvious.
- Also obvious is the anticipated fear that AI may replace recruitment, admissions and retention staff.

- AI also has the potential to create rapid interventions for students suffering from homesickness or social isolation,
- thereby becoming an important tool for student engagement.
- What we are imagining is an institution that has reduced the pressure on the 'front end', the admissions office, to enrol additional
- The newest can evaluate and score applicants' personality traits and perceived motivation,
- colleges increasingly are using these tools to make admissions and financial aid decisions.
- The program's goals are to increase fairness, accountability and transparency in AI algorithms, and make them more accessible so that the benefits of AI are available to everyone.