

LITERATURE SURVEY

1. AUTHOR: Nasteski . V

YEAR:2021

OBJECTIVES: The data analysis provides key insides to the applications about the importance of various parameters in the admission process and the weightage. The machine learning modules helps the user to get real time prediction based on different models for their profiles . This helps them to know their chances of getting admit from various universities . The project also helps the applicants to short list universites based on their profile

METHODOLOGY: ~Importing modules ~Loading the data ~Summarizing data ~Data science - Outlier detection -Getting the correlated features -Exploratory data analysis ~Standardization ~Machine learning -Preparing ,Training ,Testing data -study various regression/ classification / regressor models -Deploying and testing models ~Shortlisting universities based on various users detail criteria ~Testing the system in real time

LIMITATIONS: As of now ,the highest accuracy achieved in the prediction modelling is approximately 78%. However , it should he high as possible in order to get better predictor results. The data set is small with just 500 column of data for better supervised learning , it is desired to have a large data in order to improve accuracy

2.AUTHOR: Mr.Pierpaolo dondio

YEAR:2017

OBJECTIVES: The principle objective of the research is to help the students who are aspiring to pursue their education in the USA. The SAP system will help them to evaluate the chances of the success in the particular university without being depended on any education consultancy firm. It will help them in saving a huge amount of time and money spent in the application process

METHODOLOGY: Cross industry standard process (CRISP) Methodology (Azevdo 2008) was followed in the research. Business understanding , data understanding , data preparation , modelling , evaluation and deployment

LIMITATIONS: Student admission predictor system will only take into consideration the data related to the Indian students pursuing masters in computer science from universities in the USA.

3)AUTHOR: Mr. Jubail

YEAR:2020

OBJECTIVES: Earlier student performance prediction can help universities to provide timely action , like planning for appropriate training to improve students success gate . Exploring educational data can certainly help in achieving the desired educational goals. (By applying EDM Techniques it is possible to develop prediction models to improve student success), However using data mining techniques can be daunting and challenging for non-technical person.

METHODOLOGY: Earlier student performance prediction can help decision makers to provide needed actions at the right movement, and to planning the appropriate training order to improve the student rate several studies have been published in using data mining methods to predict students academic success. One can observe several levels targeted.

~Degree Level ~Year Level ~Course Level ~Exam Level In this study literature related to the exam level is excluded exam does not necessarily imply a negative outcome

LIMITATIONS: Despite the many dedicated softwares this is still not a straight forward process, involving many directions

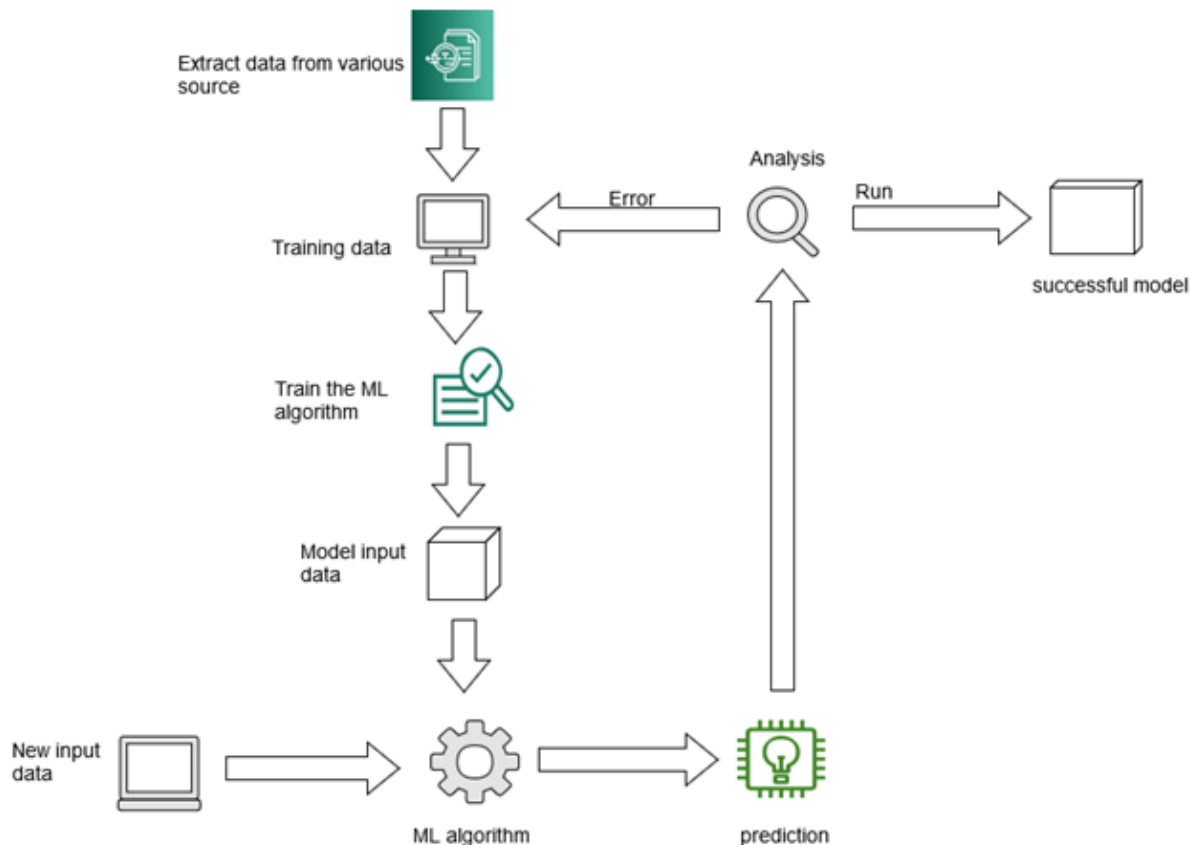
4)AUTHOR: Jigar prajapati

YEAR:2019

OBJECTIVES: The main objective of this project is to help the students to save their time and money that they have to spend at the education consultancy firms. And also it will help them to limit their number of application to a small number by proving them the suggestion of the universities where they have the best

chance of securing admission thus saving more money on the application fees.

METHODOLOGY: statistically, we have seen a lot of students pursue their education away from their native countries. Generally as the students don't have much of an idea about the procedures, requirements and details of the universities, they seek help from the education consultancy firms to help them successfully secure the admission in the universities which are best suitable for their profiles. For this, they have to invest huge amount of money as consultancy fees. The aim of this research is to develop a system using machine learning algorithm



LIMITATIONS: Student admission predictor system will only take into consideration the data related to the Indian students pursuing masters in computer science from universities in the USA.

