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"Placement Prediction System"

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Abstract: Placement prediction system is a useful software for managers and students. An educational institution contains student records which is a wealth of information but is very large one person analyzes complete student records. To find out the placement status of each student at institution is a tedious task. Therefore, the limit of the system includes the use of time, which is minimal efficient and with little user satisfaction. The project implementation prediction plan predicts the reader placement using a variety of machine learning methods such as merging methods, regression strategies, decision solution etc. Based on student schools with the ability to measure, English skill, logical ability, technical personality testing. Improved model used predict the placement of students in the training and placement office (TPO)

I. INTRODUCTION

Student placement is one of the most important goals of an educational institution. The reputation and annual acceptance rate of an institution always depends on the placement it provides for students. This is why all institutions are working hard to strengthen your placement department to improve your institution as an institution overall. This is always useful for institutions. In this study, the goal is to analyze data from students from the previous year and use it to predict the likelihood of placement of current students. The model proposes an algorithm to predict the same. Collected research-related data. They form the same organization for location prediction, and appropriate data The pre-processing method is applied. The model was also compared with another traditional classification algorithm, such as the logistic regression algorithm, which independently predicts the result, and then we compared the efficiency of the algorithm based on the data set. The company screens potential students, pays attention to and improves their technical and social skills

II. LITERATURE SURVEY

1) Joshita Goyal, Shilpa Sharma [2017], paper titled "STATEMENT REPORTDECISION SUPPORT SYSTEM USING DATA DETAILS ".In this paper, the author has applied naïve bayes and naïve bayes algorithm combined with a selection of auxiliary features the process of obtaining predictions. The Naive Bayes divider makes a very powerful impression on the structure of your data, if there are two independent features given in the extraction category. Due tothis, the result can be very bad.

2) Subitha Sivakumar, Rajalakshmi Selvaraj [2015], paper entitled "ADAPTIVE MODELFOR THE PROVISION OF A COMMISSION COMPANY TO USE A DECISION-MAKING TREE ".in this paper, the author has used an advanced decision-making medicine to classify eligible readers Choice of campus according to academic performance measures. Minor changes in data has caused a major change in the tree of the decision to create instability.

3) Ravi Tiwari and Awadesh Kumar Sharma [2018] paper entitled "A DATA MINING STAGE IMPROVEMENT MODE ".an ID3 algorithm in student data was used to set this up the model can provide an accurate 73% accuracy in model predictions. This is a separation modelcontinuous data can be costly as a computer as many trees have to be made to see where they are breaking continuity.

4) Ajay Shiv Sharma, Swaraj Prince, Shubham Kapoor, Keshav Kumar [2020]"PPS- INSTALLATION OF MENTAL SUSPENSION". the model used was used to predict the placement of students in training and placement Office.an algorithm used for systematic regression that yields 83.33% accuracy. The educated model parameters provide insight into the placement process.

III. PROBLEM STATEMENT

The placement prediction model only looks at student performance in courses to predict student achievement set or not can be done. We cannot focus on student placement because of others students may be able to qualify, technical and communication skills due to their low grades in their potential subjects some of them. Predicting student placement requires parameters such as cgpa, logical and technical skills in subjects. Performance may not be important but model design prediction placement according to student parameters.

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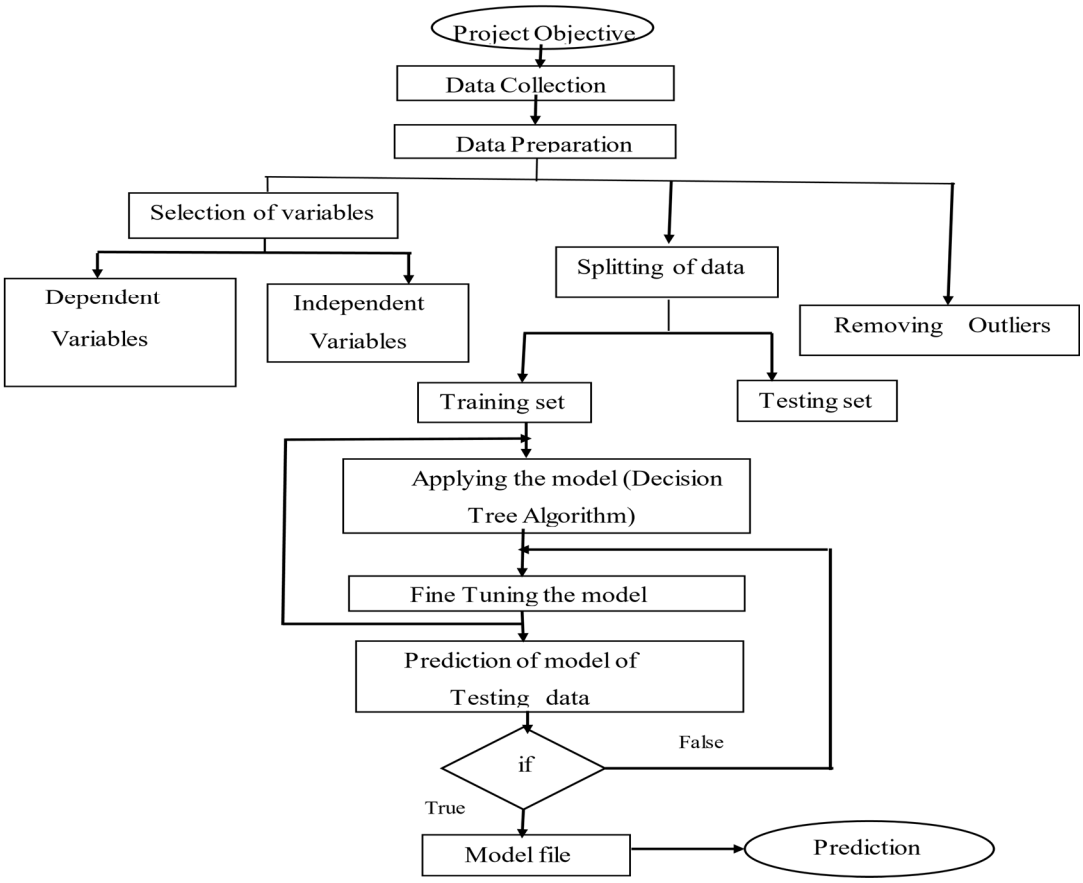
IV. EXISTING SYSTEM

The current system considers academic performance as one parameter to judge whether a student can be placed or not during the placement of the compasses. Usually a parameter used to judge student ability, academic performance during the first three years of engineering .E academic performance is important not only in interview selection but also depending on the student's awareness during the eligibility test and interviews. Calculating student access opportunities set by other data mining algorithms, sometimes providing more than 100% probability and meaning. Incorrect translation for the reader. Implicitly is shown from certain algorithms that provide incorrect interpretation in student. Academic performance is not the only parameter of student judgment. But there are other limitations such as eligibility. Technical information should also be considered to determine the student's future outcome.

V. PROPOSED SYSTEM

We've built models to test student placement predictions or not on campus drive this model will help both students and institutions prepare well for campus recruitment in advance. The main purpose of this model is to do know the student's ability and position by predicting placement opportunities. This also helps students and institutions to improve the performance of potential students. This model will look at the educational history of the student as a percentage and their skills such as coding ability, speaking skills, technical skills and practical competence tested by companies. We used a logistic regression algorithm for student data collected at last year's institution. This model takes over the number of students in secondary education, the average number of all semesters in technical education to date and more parameters can add weight to kick collecting the data we prepare the training data and database testing. The built-in data is divided into dependent variables and independent variables and then outliers.



1) Training details are provided in the development of the training results model
2) The model is well prepared and the training data is further divided according to the parameters specified for the model
3) After the training data is ready the pre-stored test data is re-processed by the foresee model.
4) When test values come out true the values are finally set as predictions
5) If the test values come out false than the values are then returned to the correct model correction.

VI. RESULT

The proposed system leads to the possibility of students being placed on campus drive. 'Placement prediction system' provides assistance to students and the institution. The center can focus on students who may be familiar with the predictions of this model. The process we used to order a retreat that gives the accuracy of the students placed. This project mainly provides information about students opportunities for placement on campus drive benefit students and the institution.

VII. CONCLUSION

We propose a model to predict the percentage of student enrollment. We designed this model for data analysis collected at the student center of previous years. We have used the Logistic Regression Algorithm. Postponement of Items the algorithm is used in last year's data and current student data to predict that the student will be placed in various companies. Here we assess the eligibility of the candidate on the basis of percentage and other technical information .This will help students and a center for improving the performance of potential students

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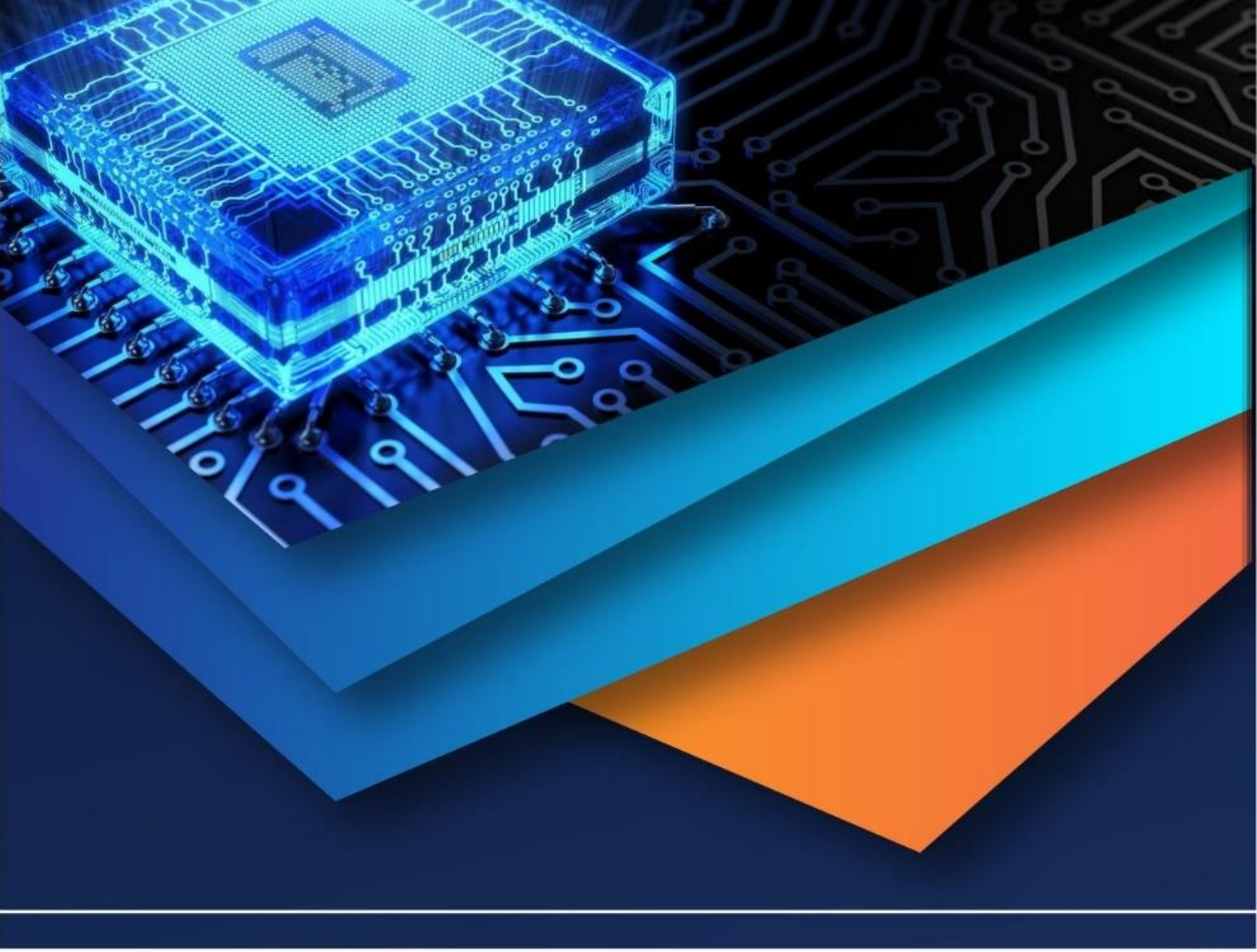

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