

University Admit Eligibility Predictor

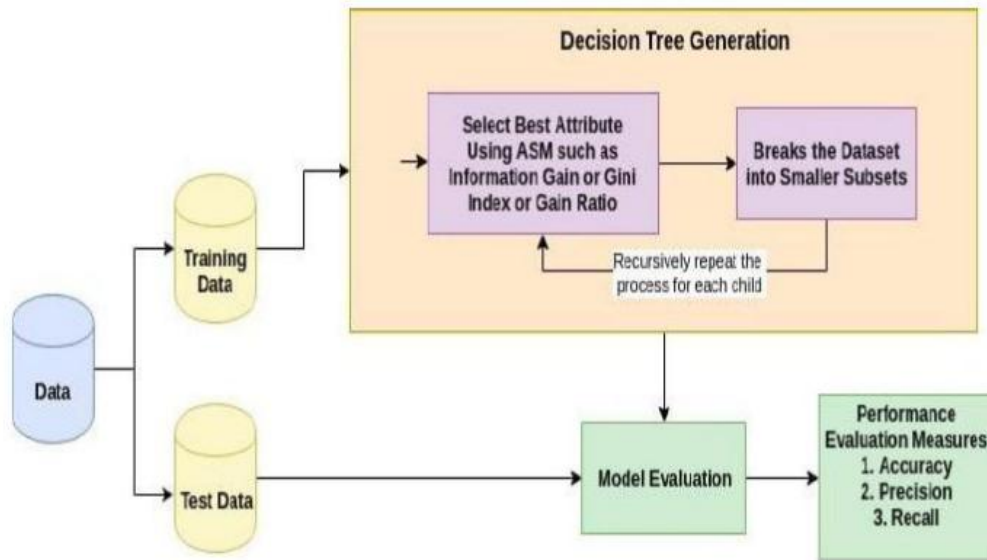
INTRODUCTION

The world markets are developing rapidly and continuously looking for the best knowledge and experience among people. Young workers who want to stand out in their jobs are always looking for higher degrees that can help them in improving their skills and knowledge. As a result, the number of students applying for graduate studies has increased in the last decade. This fact has motivated us to study the grades of students and the possibility of admission for master's programs that can help universities in predicting the possibility of accepting master's students submitting each year and provide the needed resources.

EXISTING SYSTEM

In the Existing System, Many machine algorithms are used to the prediction of Graduate Admission. The existing system compares the four machine learning algorithms on the basis of accuracy. The algorithms

are Linear Regression, Support Vector Regression, Random forest Regression, Decision Tree Regression. In this system Linear Regression performs the best on the dataset with low MSE and high R2 score.



Existing System Architecture

PROPOSED SYSTEM

The proposed system consist of four regression models. Out of those we use Linear Regression using Dimensionality Reduction which is also a high accurate model. A user interface is provided through which an actor can interact with the system. The algorithm with improved accuracy will act as a backend for the user interface. Whenever any actor (Student/Consultancy) provides the data to the user

interface it will show the result of Chance of Admission which is ranging 0 to 1.