Topic - Placement Prediction System using Machine Learning

Abstract:

In today's competitive job market, students and job seekers are constantly seeking ways to enhance their chances of securing their desired positions. To address this need, we present a Placement Prediction System powered by machine learning techniques. This system leverages historical placement data, student profiles, and relevant features to predict the likelihood of a student securing a placement in a specific job role or company.

The system begins by collecting and preprocessing data, including academic performance, extracurricular activities, internship experiences, and other relevant information from past placements. The resulting machine learning model is trained on a comprehensive dataset and is capable of making placement predictions for individual students with high precision and recall.

Different algorithms are used to generate models and opt the best one that has highest accuracy, and we will deploy the model in a website.

The site simply predicts the student gets placement or not

Front end

1. Html, CSS, JS

Back end

1. Python
2. Machine learning algorithms