# DEPARTMENT OF INFORMATION TECHNOLOGY B.E. VI SEMESTER (H1 BATCH-1)

**MINI PROJECT-4**

**DATA VISULAIZATION ON CAMPUS PLACEMENTS**

**ABSTRACT**

Placement of students is one of the most important objective of an educational institution. Reputation and yearly admissions of an institution invariably depend on the placements it provides its students with. That is why all the institutions, arduously, strive to strengthen their placement department so as to improve their institution on a whole. Any assistance in this particular area will have a positive impact on an institution’s ability to place its students. This will always be helpful to both the students, as well as the institution. The basic success of the institution is measured by the campus placement of the students. Every student takes admission to the colleges by seeing the percentage of placements in the college. Hence, in this regard the approach is about the prediction and analyses for the placement necessity in the colleges that helps to build the colleges as well as students to improve their placements.

The objective of this project is to analyse previous year's student's data and use it to predict the placement chance of the current students. This model is proposed with an algorithm to predict the same. Data pertaining to the study will be collected from the institution for which the placement prediction is done, and also suitable data pre-processing methods will be applied. This project also aims at developing an interactive dashboard with charts surfaced in different formats to offer concise ways to express the change in the placements from the past 10 years. Interesting plots allow a visual inspection of how exactly is the situation of the institution regarding the placements. The goal is to track and display information on what percent of students got placed for different branches, on what percent of students got placed for different companies, skills to be focused on, technologies required to get placed in a company and many more. This research provides a comprehensive understanding of campus placements and compares its impact on different areas of the syllabus with the help of Data Visualization and it will also help to derive a better solution in the future.

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