



PROJECT REPORT

<MACHINE LEARNING>  
  
<STUDENT ACADEMIC TRACKER>

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# **PROJECT DETAILS**

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| --- | --- | --- | --- |
| **Project Name** | GRADU-PREDICT | | |
| **Project Sponsor** | HARSHADA TOPALA | | |
| **Project Manager** | ANSHUL THAKUR | | |
| **Start Date** | 10-10-2023 | **Completion Date** | 30-01-2024 |

# **SUMMARY**

*Student academic Tracker is an ml model to predict the placement and year of graduation of the students. Due to lack of awareness and academic career planning and specific skills and not able to placed, for the successful career.  
It is beneficial for to track the students progress so that they placed and contribute to the employment of the country and their overall developments.*

# **INTRODUCTION**

## Background

Lack of academic planning and career advice and not know about the placement preparation. Due to lack of Specific skills, not able to placed, for the successful career.

## Stakeholders

After being provided by the academic support and available resource whether a student will graduate and whether will receive a placement or not.

## Objectives

The main aim of this project is to track the academic results of a students in order to know about their placements.

# **METHODOLOGY**

These conventions are all about the positions of line breaks, how many characters should go on a line, and everything in between.

## Considerations & Assumption

Might be some students left out the college, some details of students may be empty, to know the better ML algorithm. Chances of predicting a wrong output , if used of inappropriate algorithms, All the provided resources are relevant and considering to be true.

## Approach

1.Define the objective

2.Problem statement and create hypothesis.

3.Gather data and import data

4.Clean data then EDA.

5.Feature Engineering.

6.Fit model and test the model.

## Activities

1.Understanding the Problem statement.

2.Gathering the required data.

3.Produce the year of graduation and prediction of the placement of the student.

4.ML model to get the requirement of the student.

# **TARGETTED V/S ACHIEVED OUTPUT**

This entire model is revolving around the placement of the student. In the year of graduation model most of the student graduate in 2024 and then 2019 and so on. In another model we predict whether the student is placed or not.

# **CONCLUSION**

It is useful for the stakeholder to know and get the year of graduation and even the placement status of the students and it can impact on the student progress and employment as well.

# **APPENDICES**

## Appendix A – Title.

STUDENT ACADEMIC TRACKER .

We are provided with feature that impact on the targeted feature.