DATA SCIENCE BATCH-2023

Project 3&4 Date:17-10-2023 Submission Date:28-10-202

Project Description

Problem Statement:

You are Given the limited student data from a reputed university that include relevant information of the students currently enrolled in the

\university for a specific program like personal information and curriculum data.

As a Data Scientist perform detail EDA on the data and **prepare a prediction model** which predicts **whether a college student will graduate** **or not** using at least **five machine learning algorithms.**

Try to bring relevant inference from the model by visualizing the performance through **confusion metrics and AUC-ROC curve**.

State your finding with appropriate statements.

**Project Description:**

* Click here to download the dataset.
* You are required to prepare a machine learning predictive model.
* Plot charts to bring out necessary information from the dataset.
* State your inference with relevant statement.
* Make a proper presentation and a video of your work and post it on LinkedIn.

**Project Description:**

Your responsibilities may include one or more among:

1. Analyze the Give data pertaining to the problem statement ,
2. Provide a Detail EDA analysis for the data.
3. Provide predictive machine learning models for the given dataset.
4. Include charts and diagrams to show the performance of the model.
5. Make a study on student retention for the university.
6. Build a strong professional profile, present given tasks and submissions; and improve skills through various activities as part of the internship.
7. Mandatory to post the project video on LinkedIn and receive at least 5 comments on the LinkedIn post.