

ReadMe

CDS Module 02 – Machine Learning

Mini-Project 1 - December 22 (09:00 am - 12:30 pm)

Bike rental prediction using Linear Regression and Regularization

This Mini-Project is a team activity. The Mini-Project has been released in advance i.e. on December 12, 2024, to facilitate your preparation for the activity. Each team will work in a separate Zoom breakout room for this activity. Mentor's guidance will be available during the Mini-project activity (December 22 (09:00 am - 12:30 pm)).

This is a graded **Mini-Project (10 points)**. The Problem Statement, Objective, Background, Dataset, and Steps for implementation are provided within the MiniProject Notebook (Colab). Also there are reference links given as hints for code implementation within the notebook. Further, Module 2 - Assignment 1 is based on linear regression and regularization and should be referred to.

During the Mini-Project session, the mentor can be approached for guidance when there is difficulty in implementing specific steps. However, it is the team's responsibility to work towards the solution in the given time. Your team's solution notebook should be presented to the mentor, latest, between 11:30 am - 12:15 pm on December 22, 2024. The mentor will record the attendance of each team member and assign points to the team based on the final notebook. Each team member will

receive the same points as given to the team as a whole. Absent team members will not be awarded any points.

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