Lab Assignment – 4

CSE 338L - Applied Data science Lab

Date: 13-02-2024

**Note: Form a group of maximum 5 to complete the assignment. (This group is to be maintained for all the lab and class assignments till the end of the semester.)**

Submission deadline of softcopy: 19-02-2024.

Submission deadline of hardcopy: 20-02-2024.

Write Python program to implement Linear Regression using inbuilt python Library. Also, write your own program to implement Linear Regression without using the inbuilt function.

Submission format:

Every student should submit the written assignment on a white notebook.

Question:

Program:

Sample dataset (it is not required to wite the entire dataset):

Input and Output:

Every student should submit the softcopy of the group assignment in google classroom.

Files to be submitted individually (not as Zip file) are:

Google Colab notebook (include all the group member Registration number and Name in the first cell)

Dataset (.xls)