Lab Assignment – 1

CSE 338L - Applied Data science Lab

Date: 23-01-2024

**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.)**

1. Write a python program to apply datafication concepts of friendship network of your face book account.

Create a Facebook dataset having username, age, gender, number of friends, number of posts, number of likes, and number of likes received.

Data collection – Create and share a google form to the users of your interest. Minimum number of rows must be 50.

1. Write a python program to calculate the central tendency of any popular data set. The inbuilt functions in the python should not be used.

Note: Central tendency refers to finding Mean, Median, and Mode.

1. Find the average number of likes received and average number of posts.
2. Find the median age.
3. Find the user with more number of friends.

Submission deadline of softcopy: 29-01-2024.

Submission deadline of hardcopy: 30-01-2024.

Submission format:

1. 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:

1. 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)