Lab sheet: 10

Date: 22-05-2025

Title: Python Exercise

Aims:

- Work with Python

Task:

1. Read MathStu.csv data Using pandas

2. Find the Data types of every attributes.

3. Describe the statistics for each numeric column.

4. Find the Standard Deviation of age.

5. Select first 10 data's from "famsize" column in the dataset.

6. Find mean, median and Std Div for "freetime".

7. Calculate mean age for each "address".

8. Select only those rows whose Mothers job is (Mjob) is teacher.

9. Select the row in which age value is greater than 15.

10. Create new data from Original Sorted by Column Age.

11. Find Min, Max and Mean value of age and freetime.

12. Draw Histogram for age data.

13. Display Bar plot for Mjob and age.

14. Create Box plot for famsize and freetime.