Task 02 for Practice | 29.02.2024

Important Instructions

You have given a comma delimited dataset of 100 students (**StudentData.csv**) with the column names as RollNo, Name, Physics, Chemistry, Math

Complete the following assignment using MS Excel and Python. Submit the Excel Workbook and Jupyter Notebook named as **YourName**.**Task02.xlsx** and **YourName**.**Task02.ipynb**

Refer the **Practice02.pdf** shared in the group for performing operations on data

Also submit the Jupyter notebook of Practice 02 as **YourName.Practice02.ipynb**

Jobs to be completed on 01.03.2024

Job 01: Add a new column as **Average** by calculating average marks of PCM

Job 02: Add a new column **Branch** to allocate a branch based on following rules

> CSE for average >=90
> ECE for average >=80
> EN for average >=70
> ME for average >=60
> NA for others

Job 03: Create new sheet as **Analysis**

Job 04: Filter the records in Analysis sheet based on following criteria

(a) Show the RollNo, Name of students of CSE branch
(b) Show the RollNo, Name of students of CSE or ECE branch

Job 05: Create a pivot table to show the count of students in each Branch

Job 06: Create a pie chart using the pivot table created in Job 05

We will discuss the solutions tomorrow 8 PM