

Apply Python Data Structures and Libraries

- **Tuple Practice**

- Create a tuple for the first 5 students containing their `StudentID` and `Name`.

- **List Practice**

- Store the marks (`Math`, `Science`, `English`) of top 5 students in a list.
- Calculate and print the average score using this list.

- **Set Practice**

- Extract all unique genders from the dataset and store them in a set.

- **Dictionary Practice**

- Pick any one student and create a dictionary with keys: `"Name"`, `"Gender"`, and `"Marks"` (another dictionary for their subjects and scores).

- **Pandas Practice**

- Load the dataset using Pandas.
- Display the first 10 rows.
- Check missing values
- Add a new column called `"Total"` which sums all subject scores.
- Find and print details of the top 5 students with the highest total marks.

- **NumPy Practice**

- Convert all numeric scores into a NumPy array.
- Calculate and print the **mean**, **max**, and **standard deviation** for each subject.
- Use filtering to display all students with `"Math" > 85` and `"Science" > 90`.
- Count how many male and female students scored above 240 total marks.