

Assignment: Attendance Data Management System - Numpy

Write a code to manage attendance data of students. We have 10 students and data of 15 days.

- 1 represent that the student is present
- 0 represent that the student is absent

Let suppose this is the data we have:

```
attendance_data = np.array([
    [1, 1, 1, 0, 1, 1, 0, 1, 1, 1, 1, 1, 1, 1, 1],
    [1, 1, 0, 0, 1, 1, 1, 1, 0, 1, 1, 0, 1, 1, 1],
    [0, 0, 0, 0, 1, 1, 1, 0, 1, 0, 0, 0, 0, 1, 0],
    [1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1],
    [1, 1, 1, 1, 1, 0, 0, 1, 0, 1, 1, 1, 1, 1, 0],
    [1, 0, 1, 0, 1, 0, 1, 1, 1, 1, 0, 1, 0, 1, 1],
    [0, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 0, 0, 1, 0],
    [1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0],
    [1, 0, 1, 1, 0, 1, 0, 1, 1, 1, 0, 0, 1, 1, 1],
    [1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
])
```

- Each row represents a student
- Each column represents a day

Your task is to calculate:

- Total attendance per student
- Percentage daily attendance
- Percentage attendance per student
- Students with attendance below 75%

Bonus:

- Display average daily attendance in bar graph
- Display average attendance of each student in bar graph