

Sessional-2 Lab Performance Test

1. Create a 3x3 NumPy array with random integers between 10 and 99.
 - i. Calculate the **mean**, **maximum**, and **standard deviation** of the array.
2. Create a Pandas DataFrame with the following data:

Name	Age	Marks
John	22	85
Alice	20	91
Bob	23	76
David	21	66

- i. Display only rows where Marks > 80.
- ii. Add a new column Grade based on:
 - A if Marks \geq 90
 - B if Marks \geq 80
 - C otherwise
- iii. Replace all values in Name column to uppercase.

Using .loc and .iloc:

- i. Select the second row and third column using .iloc.
- ii. Select rows where Age > 21 using .loc.
- iii. Set the Marks of David to 75.