Scenario: You are a data analyst working for a company that sells products online. You have been tasked with analysing the sales data for the past month. The data is stored in a NumPy array.
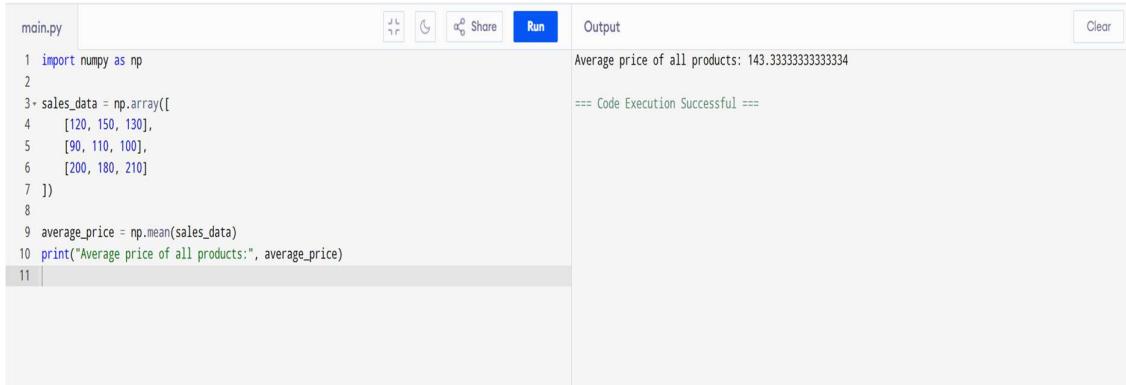
Question: How would you find the average price of all the products sold in the past month?

Assume 3x3 matrix with each row representing the sales for a different product

AIM: To compute the average price of all products sold in the past month using a 3×3 NumPy sales matrix.

PROCEDURE:

1. Create a 3×3 NumPy array representing product sales data.
2. Use np.mean() to calculate the overall average price.
3. Store the computed value in a variable.
4. Display the final average result.

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main.py                                    Share   Run      Output                                                    Clear

1  import numpy as np                               Average price of all products: 143.33333333333334
2
3  sales_data = np.array([                          === Code Execution Successful ===
4      [120, 150, 130],
5      [90, 110, 100],
6      [200, 180, 210]
7  ])
8
9  average_price = np.mean(sales_data)
10 print("Average price of all products:", average_price)
11
```