**2.**Scenario: You are a data analyst working for a company that sells products online. You have been tasked with analyzing 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

**Code:**

mport numpy as np

import pandas as pd

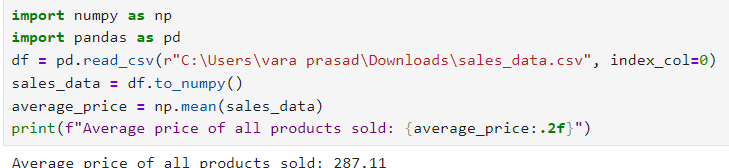
df = pd.read\_csv(r"C:\Users\vara prasad\Downloads\sales\_data.csv", index\_col=0)

sales\_data = df.to\_numpy()

average\_price = np.mean(sales\_data)

print(f"Average price of all products sold: {average\_price:.2f}")

**output:**



**Dataset:**

Sale\_1 Sale\_2 Sale\_3

Product\_A 428 397 202

Product\_B 353 411 155

Product\_C 139 366 133