

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 Pandas data frame.

Question: Develop a code in python to find the frequency distribution of the ages of the customers who have made a purchase in the past month.

AIM: To read customer sales data stored in a Pandas Data Frame and calculate the frequency distribution of customer ages who made purchases in the past month.

PROCEDURE:

1. Import Pandas and create/load the sales DataFrame.
2. Extract the "age" column values as a list.
3. Use Counter() to count how many times each age appears.
4. Print the frequency distribution.

OUTPUT:

Frequency Distribution of Customer Ages:

Counter({25: 3, 30: 2, 40: 1})