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Task 3 Problem 3 Sensor Data Validation .pyTask 3 Problem 4 Email Domain Usage Analysis .pyTask3 Problem 5 Sales Spike Detection .py

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OUTLINE

TIMELINE

C: > Users > dell > OneDrive > Desktop > Task3 Problem 5 Sales Spike Detection .py > ...

1 sales = [1200, 1500, 900, 2200, 1400, 3000]

2

3 # Calculate average sales

4 average\_sales = sum(sales) / len(sales)

5

6 # Define spike threshold (30% above average)

7 threshold = average\_sales \* 1.3

8

9 # Detect and display sales spikes

10 for day, value in enumerate(sales, start=1):

11 if value > threshold:

12 print(f"Day {day}: {value}")

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\dell> & C:/Users/dell/AppData/Local/Programs/Python/Python314/python.exe "c:/Users/dell/OneDrive/Desktop/Task 3 Problem 3 Sensor Data Validation .py"

Valid Sensor Readings (Hour, Value):

[(1, 4), (3, 8), (4, 10), (5, 12)]

PS C:\Users\dell> & C:/Users/dell/AppData/Local/Programs/Python/Python314/python.exe "c:/Users/dell/OneDrive/Desktop/Task 3 Problem 4 Email Domain Usage Analysis .py"

gmail.com: 60%

yahoo.com: 40%

PS C:\Users\dell> & C:/Users/dell/AppData/Local/Programs/Python/Python314/python.exe "c:/Users/dell/OneDrive/Desktop/Task 3 Problem 5 Sales Spike Detection .py"

Day 6: 3000

PS C:\Users\dell>

Ln 12, Col 37 Spaces: 4 UTF-8 CRLF {} Python 3.14.0

16-02-2026