**Steps to Operate the Customer Counting Python Script**

1. **Create a Folder**Create a folder named **Customer\_Counting** in the Local Disk (C:).
2. **Add Input Images**Inside the **Customer\_Counting** folder, create a subfolder named **input\_images**. Save the snapshot images from different locations in this folder. These images will be used by the script to count customers and employees.
3. **Object Detection Models**The script uses object detection models such as **yolov5s.pt and yolo8n.pt**, as suggested by GPT. These model files should also be saved in the **Customer\_Counting** folder.
4. **Output File**After running the script, it will generate an Excel file named **Customer\_Count.xlsx** containing the customer and employee count. This file will also be saved in the **Customer\_Counting** folder.

**Scripts Run by this Command.**

C:\Users\ABC>cd Customer\_Counting  
C:\Users\ABC\Customer\_Counting>python Customer\_Counting\_Final.py

**Current Issues:**

1. **Duplicate Counting**Customers and employees are sometimes being counted twice or overlapping in the results. Duplication needs to be eliminated to ensure accurate counts.
2. **Classification Accuracy**The script occasionally misclassifies individuals, resulting in inaccuracies when distinguishing between customers and employees. The detection logic or model may need to be refined for better accuracy.