```python
import csv
from collections import import Counter
f1 = open("/content/Sales.csv","r")
product_details = [ ]
customer_details = [ ]
supplier_details = { }
supplist = [ ]
gender = [ ]
while(True):
 data = f1.readline()
 if not data:

  break;
 #print(data)
 data = data.replace("\n","")
 # print(data)
 temp = data.split(",")
 print(temp)
 product_details.append(temp[1])
 customer_details.append(temp[3]) # type: ignore
 supplier_details.update({temp[1]:temp[2]})
 supplist.append(temp[2])
 gender.append(temp[4])
f1.close()

customer_details = tuple(customer_details)
# print(supplist)
# print(supplier_details)
frequency = { }
for items in product_details:
 if items in frequency:
  frequency[items]+=1
 else:
  frequency[items]=1
# print("\n\n\n")
# print(frequency.items())
# print("\n\n\n\n")

marklist = sorted(frequency.items(),key = lambda x:
x[1],reverse = True)
# print(marklist)
# marklist= dict(marklist)
# print(marklist)

print(f"Most Poppular Item is : {marklist[0][0]}")
# print(supplier_details)
supplierList = list(supplier_details.items())
# print(supplierList)
CounterDict = Counter(supplist)
# print(CounterDict)
```

Sales.csv ✕   •••

1 to 10 of 20 entries   Filter   ▢

Product ID	Product details	Supplier D
P00001	Lenovo Laptop	Raka Ele.
P00002	Samsung M31	Vijay Sales
P00003	Realmi 10pro	Gada Ele.
P00004	Oppo F21	Surya Ele.
P00005	Lenovo Laptop	Raka Ele.
P00006	Samsung M31	Gada Ele.
P00007	LG TV 32"	Vijay Sales
P00008	Oppo F21	Surya Ele.
P00009	Lenovo Laptop	Raka Ele.
P00010	Samsung M31	Gada Ele.

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```python
poplist = sorted(CounterDict.items(),key = lambda x : x[1
reverse = True)
poplist = list(poplist)
print(f"Best Supplier is: {poplist[0][0]}")
CountCustomer = Counter(customer_details)
# print(CountCustomer)

CustomerCountList = sorted(CountCustomer.items(),key =
lambda x: x[1], reverse = True)
CustomerCountList = list(CustomerCountList)

print(f"Customer Who Bought Most Products is: {CustomerCo
# print(gender)
countGender = Counter(gender)
# countGender = list(countGender)
a = (countGender.get("Female"))

print(f"No of Females are: {a}")
```

```
['Product ID', 'Product details', 'Supplier Details
['P00001', 'Lenovo Laptop', 'Raka Ele.', 'Kaustubh I
['P00002', 'Samsung M31', 'Vijay Sales', 'Siddhi Ki
['P00003', 'Realmi 10pro', 'Gada Ele.', 'Sanket Kan
['P00004', 'Oppo F21', 'Surya Ele.', 'Yash Mali', 'I
['P00005', 'Lenovo Laptop', 'Raka Ele.', 'Yash Bagu
['P00006', 'Samsung M31', 'Gada Ele.', 'Siddhi Kiwa
['P00007', '"LG TV 32"""', 'Vijay Sales', 'Sanket K
['P00008', 'Oppo F21', 'Surya Ele.', 'Kaustubh Maha
['P00009', 'Lenovo Laptop', 'Raka Ele.', 'Yash Mali
['P00010', 'Samsung M31', 'Gada Ele.', 'Siddhi Kiwa
['P00011', '"LG TV 32"""', 'Surya Ele.', 'Sanket Ka
['P00012', 'Lenovo Laptop', 'Raka Ele.', 'Kaustubh I
['P00013', 'Samsung M31', 'Surya Ele.', 'Yash Mali'
['P00014', 'Realmi 10pro', 'Raka Ele.', 'Siddhi Kiw
['P00015', 'Lenovo Laptop', 'Gada Ele.', 'Tanuja Ma
['P00016', 'Oppo F21', 'Vijay Sales', 'Kaustubh Mah
['P00017', '"LG TV 32"""', 'Deshmukh sales', 'Sanke
['P00018', 'Lenovo Laptop', 'Raka Ele.', 'Siddhi Ki
['P00019', 'Samsung M31', 'Deshmukh sales', 'Kaustu
['P00020', '"LG TV 32"""', 'Gada Ele.', 'Yash Mali'
Most Poppular Item is : Lenovo Laptop
Best Supplier is: Raka Ele.
Customer Who Bought Most Products is: Kaustubh Maha
```

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