```
import pandas as pd
import sqlite3
from google.colab import files


uploaded = files.upload()


data = pd.read_excel("Details.csv.xlsx", sheet_name="Details")


conn = sqlite3.connect("online_sales.db")


data.to_sql("orders", conn, if_exists="replace", index=False)


query1 = """
SELECT
    Category,
    SUM(Amount) AS total_revenue,
    COUNT(DISTINCT "Order ID") AS total_orders
FROM orders
GROUP BY Category
ORDER BY total_revenue DESC;
"""
df1 = pd.read_sql_query(query1, conn)
print("Category-wise Revenue & Orders")
print(df1)


query2 = """
SELECT
    PaymentMode,
    SUM(Amount) AS total_revenue,
    COUNT(DISTINCT "Order ID") AS total_orders
FROM orders
GROUP BY PaymentMode
ORDER BY total_revenue DESC;
"""
df2 = pd.read_sql_query(query2, conn)
print("\nPaymentMode-wise Revenue & Orders")
print(df2)
```

Choose Files Details.csv.xlsx

- **Details.csv.xlsx**(application/vnd.openxmlformats-officedocument.spreadsheetml.sheet) - 67235 bytes, last modified: 8/17/2025 - 100% done

```
Saving Details.csv.xlsx to Details.csv.xlsx
Category-wise Revenue & Orders
      Category  total_revenue  total_orders
0  Electronics         166267           204
1     Clothing         144323           393
2    Furniture         127181           186

PaymentMode-wise Revenue & Orders
   PaymentMode  total_revenue  total_orders
0          COD         155181           347
1  Credit Card          86932           128
2          EMI          77881           106
3          UPI          68641           224
4   Debit Card          49136           158
```