**SALES TRENDS ANALYSIS**

**Creating Table**

DROP TABLE IF EXISTS sales\_data;

CREATE TABLE IF NOT EXISTS sales\_data

(

order\_date DATE;

customer\_name VARCHAR,

state VARCHAR,

category VARCHAR,

sub\_category VARCHAR,

product\_name VARCHAR,

sales DECIMAL,

quantity INT,

profit DECIMAL

);

**View all sales data:**

SELECT \*

FROM sales\_data

**1.Total sales, quantity, and profit:**

SELECT

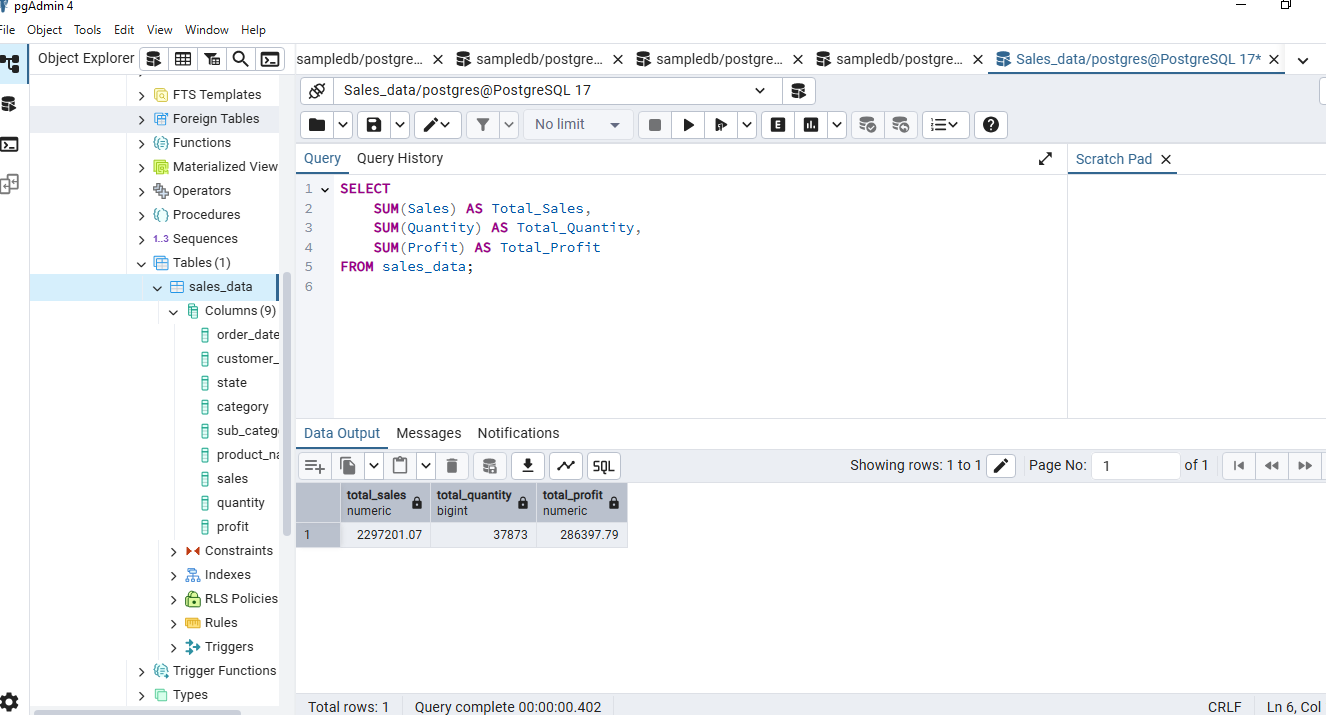
SUM(Sales) AS Total\_Sales,

SUM(Quantity) AS Total\_Quantity,

SUM(Profit) AS Total\_Profit

FROM sales\_data;

**Output:**



**2.Sales by category**

SELECT

Category,

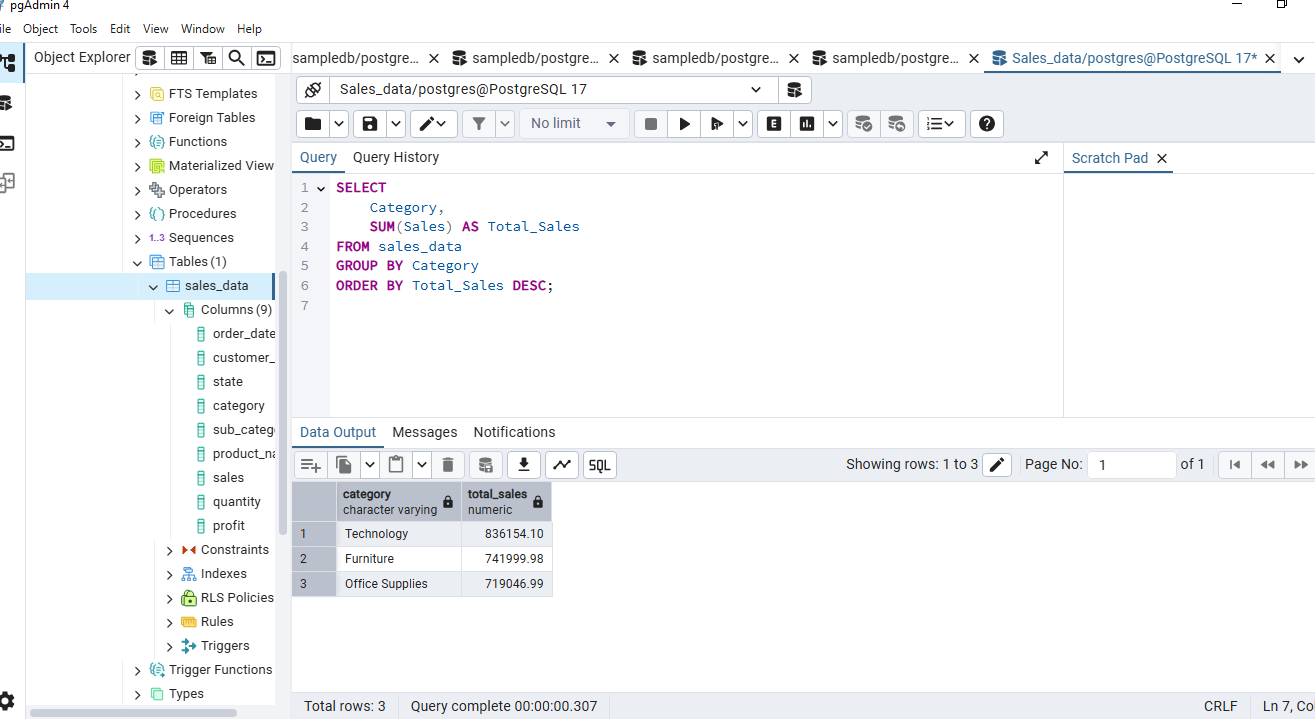
SUM(Sales) AS Total\_Sales

FROM sales\_data

GROUP BY Category

ORDER BY Total\_Sales DESC;

**Output:**



**3. Top 5 states by sales.**

SELECT

State,

SUM(Sales) AS Total\_Sales

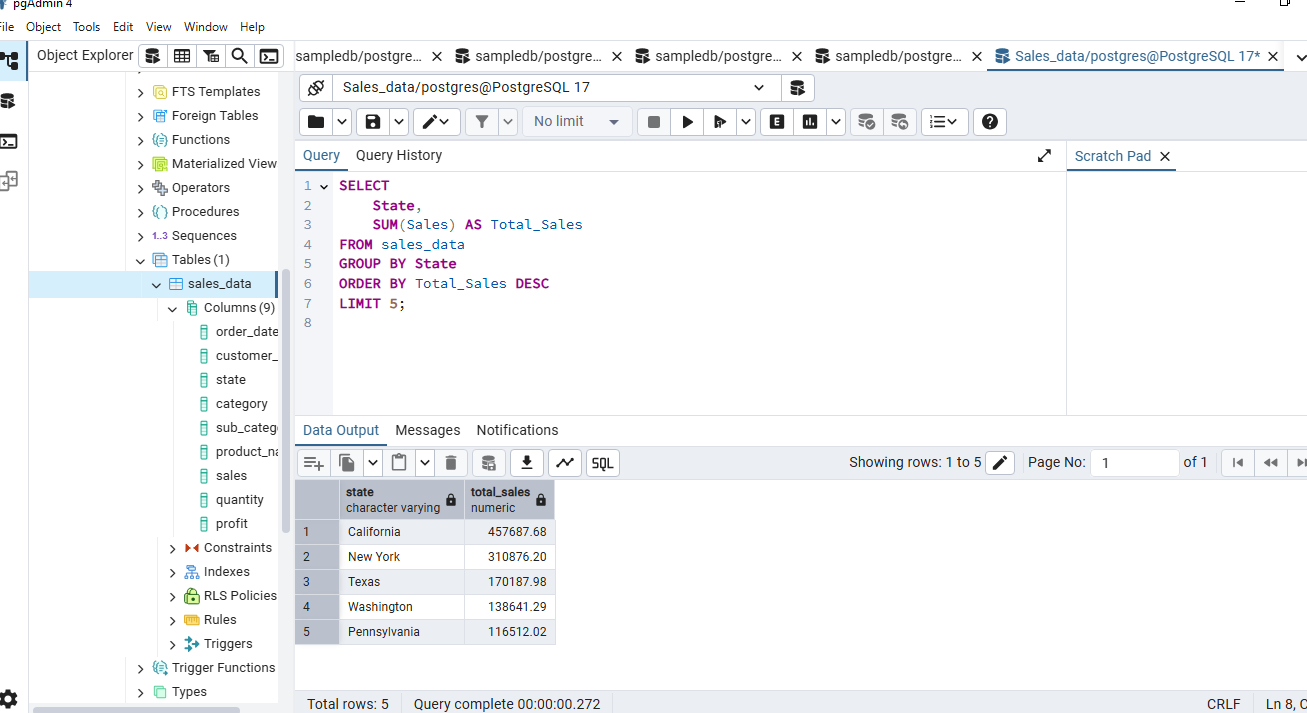
FROM sales\_data

GROUP BY State

ORDER BY Total\_Sales DESC

LIMIT 5;

**Output:**



**4.Most profitable products**

SELECT

Product\_Name,

SUM(Profit) AS Total\_Profit

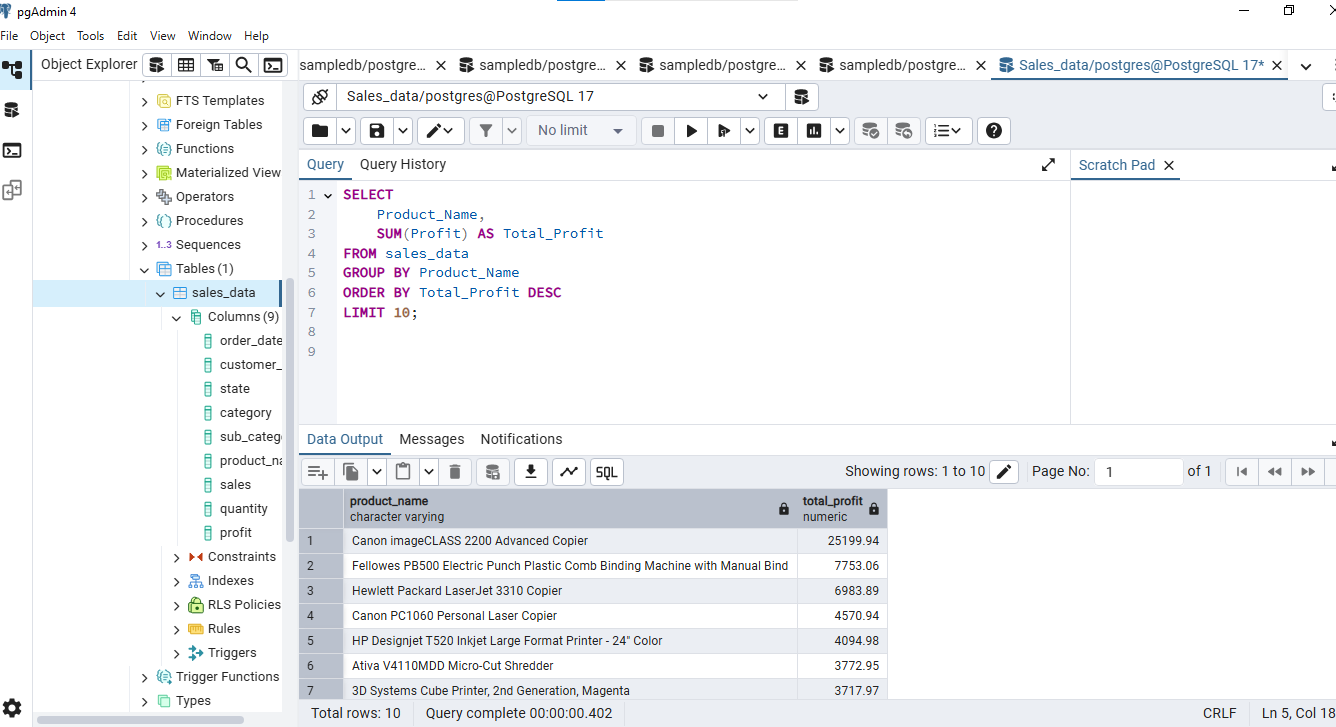
FROM sales\_data

GROUP BY Product\_Name

ORDER BY Total\_Profit DESC

LIMIT 10;

**Output:**



**5. Monthly sales trend.**

SELECT

extract(month from order\_date) as month,,

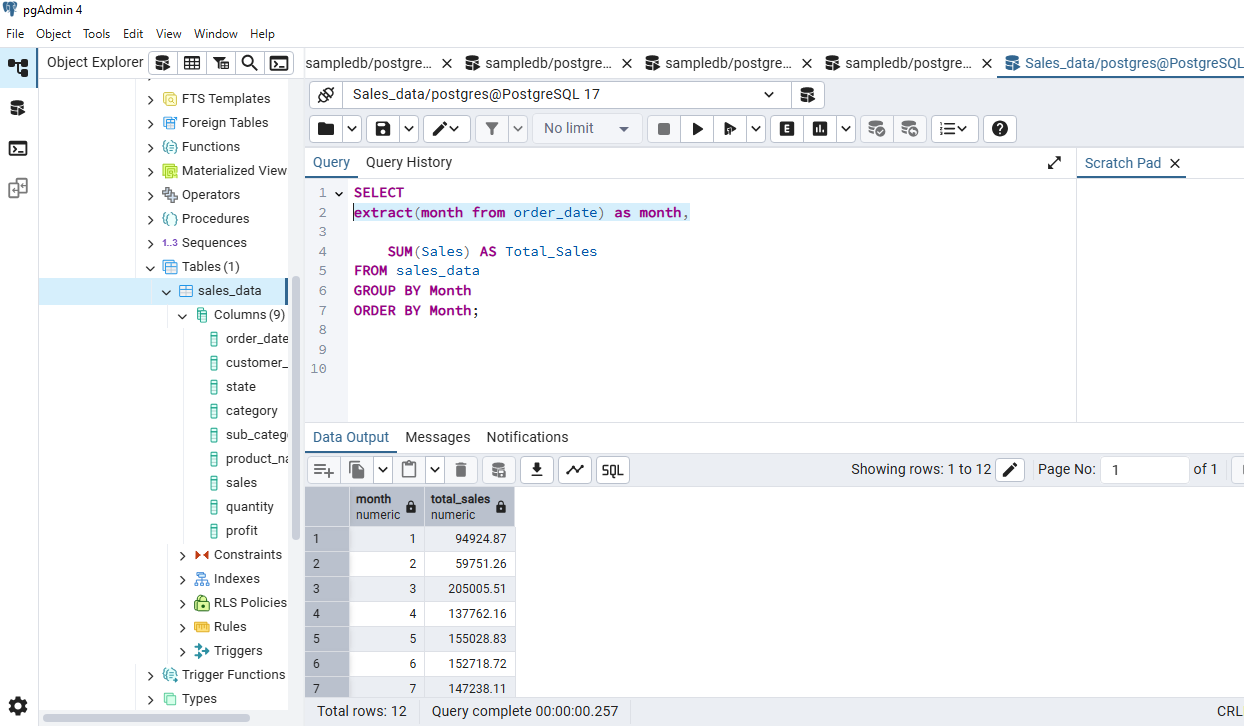
SUM(Sales) AS Total\_Sales

FROM sales\_data

GROUP BY Month

ORDER BY Month;

**Output:**



**6. Customers with highest total purchases**

SELECT

Customer\_Name,

SUM(Sales) AS Total\_Sales

FROM sales\_data

GROUP BY Customer\_Name

ORDER BY Total\_Sales DESC

LIMIT 10;

**Output:**

