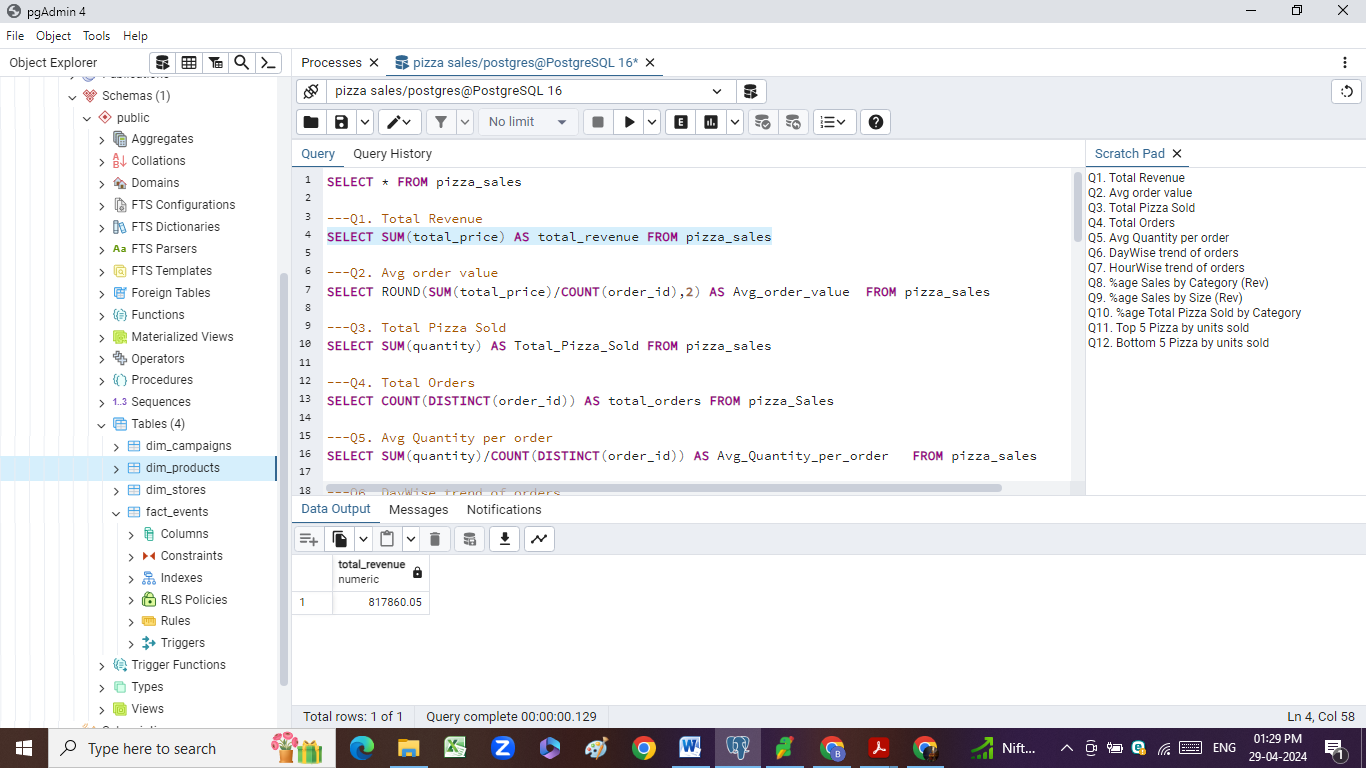
PIZZA SALES ANALYSIS

SQL Queries

---Q1. Total Revenue

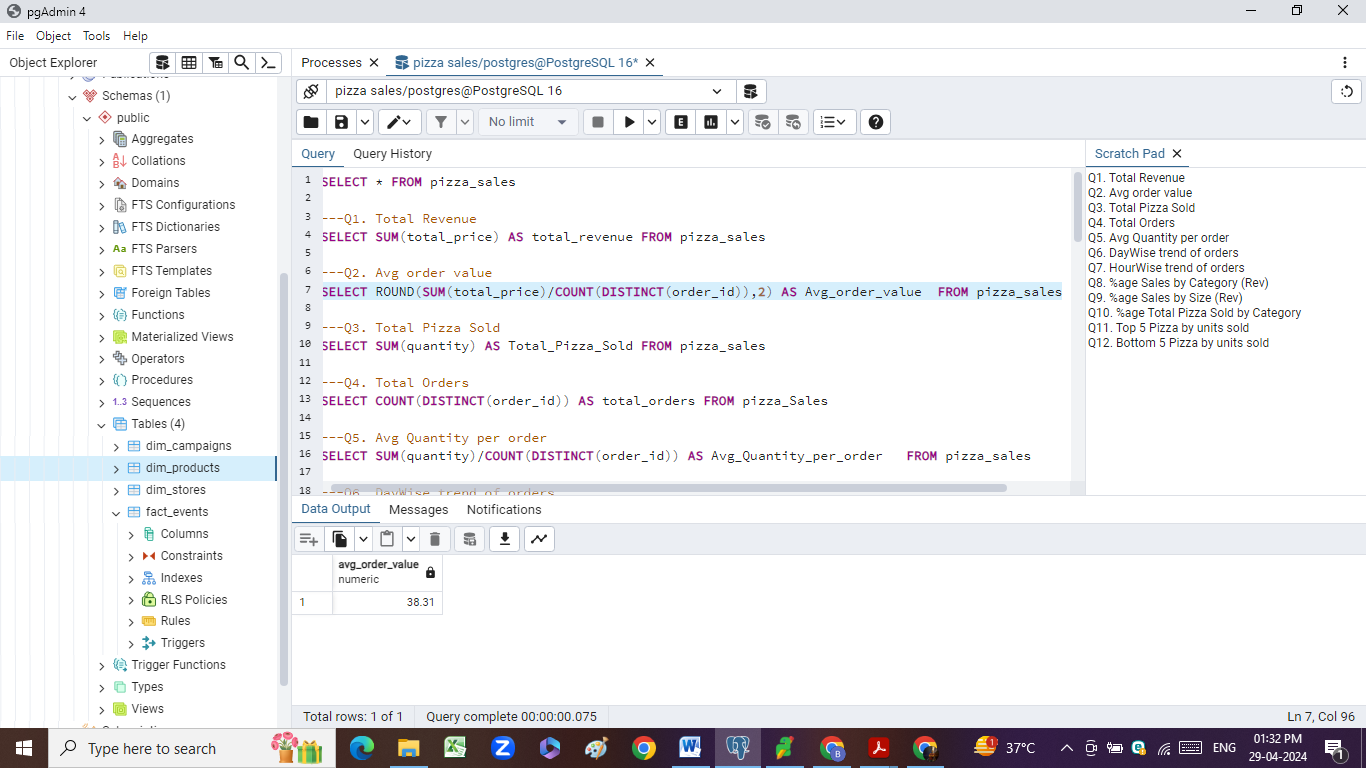
SELECT SUM(total\_price) AS total\_revenue

FROM pizza\_sales



---Q2. Avg order value

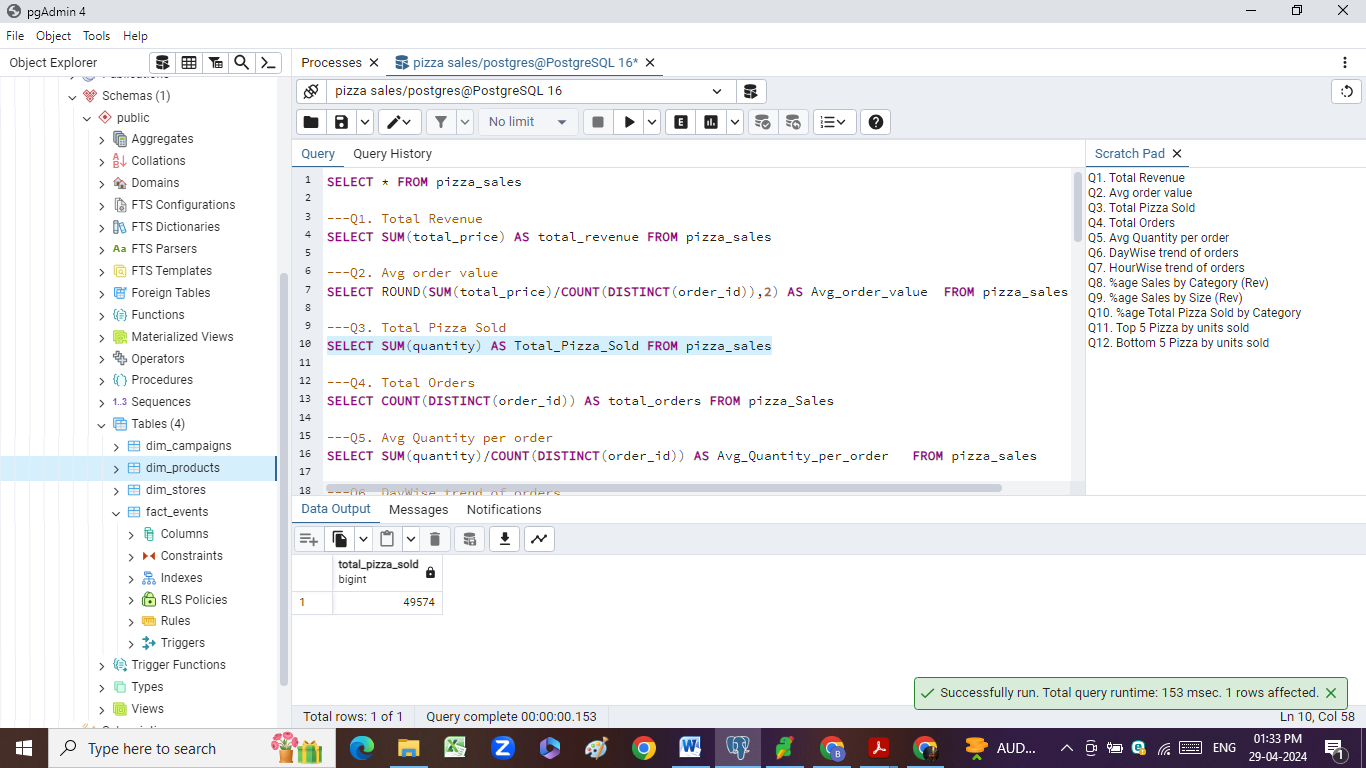
SELECT ROUND(SUM(total\_price)/COUNT(DISTINCT(order\_id)),2) AS Avg\_order\_value FROM pizza\_sales



---Q3. Total Pizza Sold

SELECT SUM(quantity) AS Total\_Pizza\_Sold

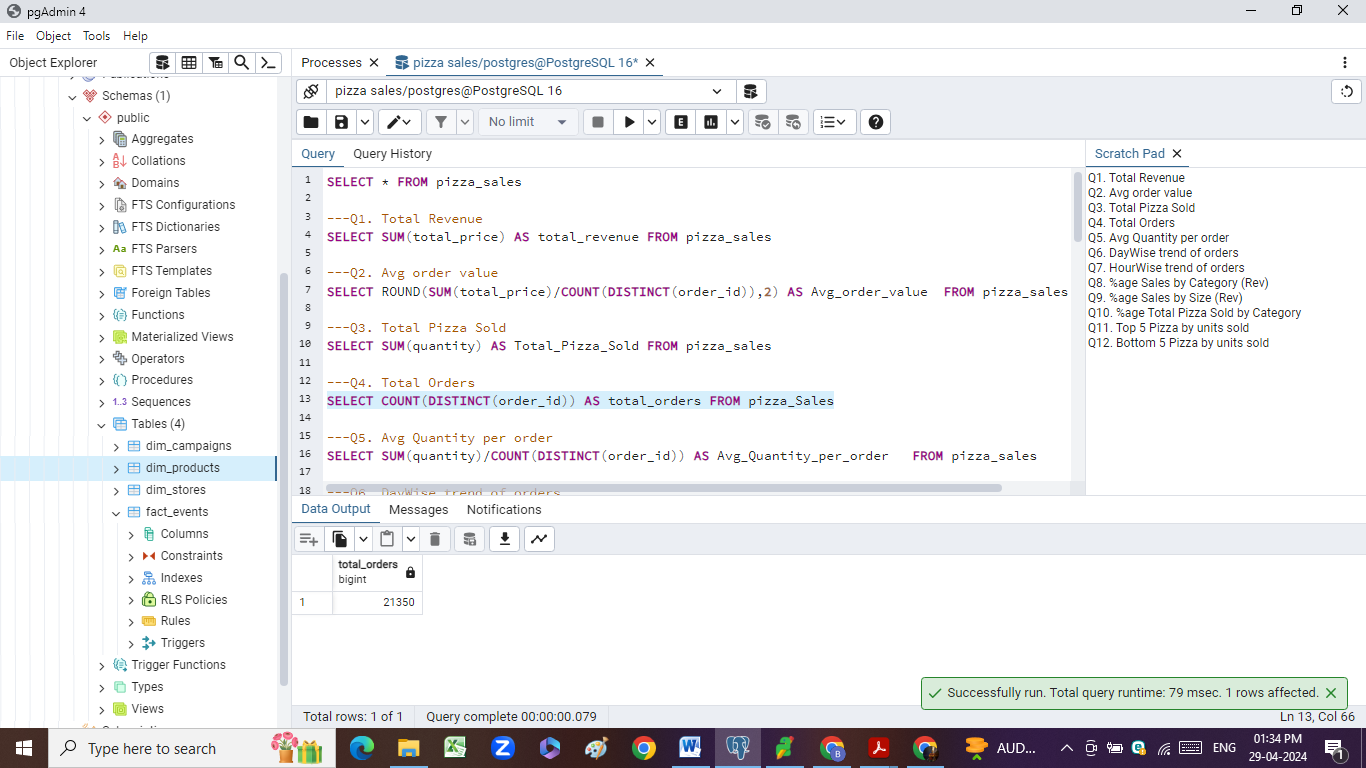
FROM pizza\_sales



---Q4. Total Orders

SELECT COUNT(DISTINCT(order\_id)) AS total\_orders

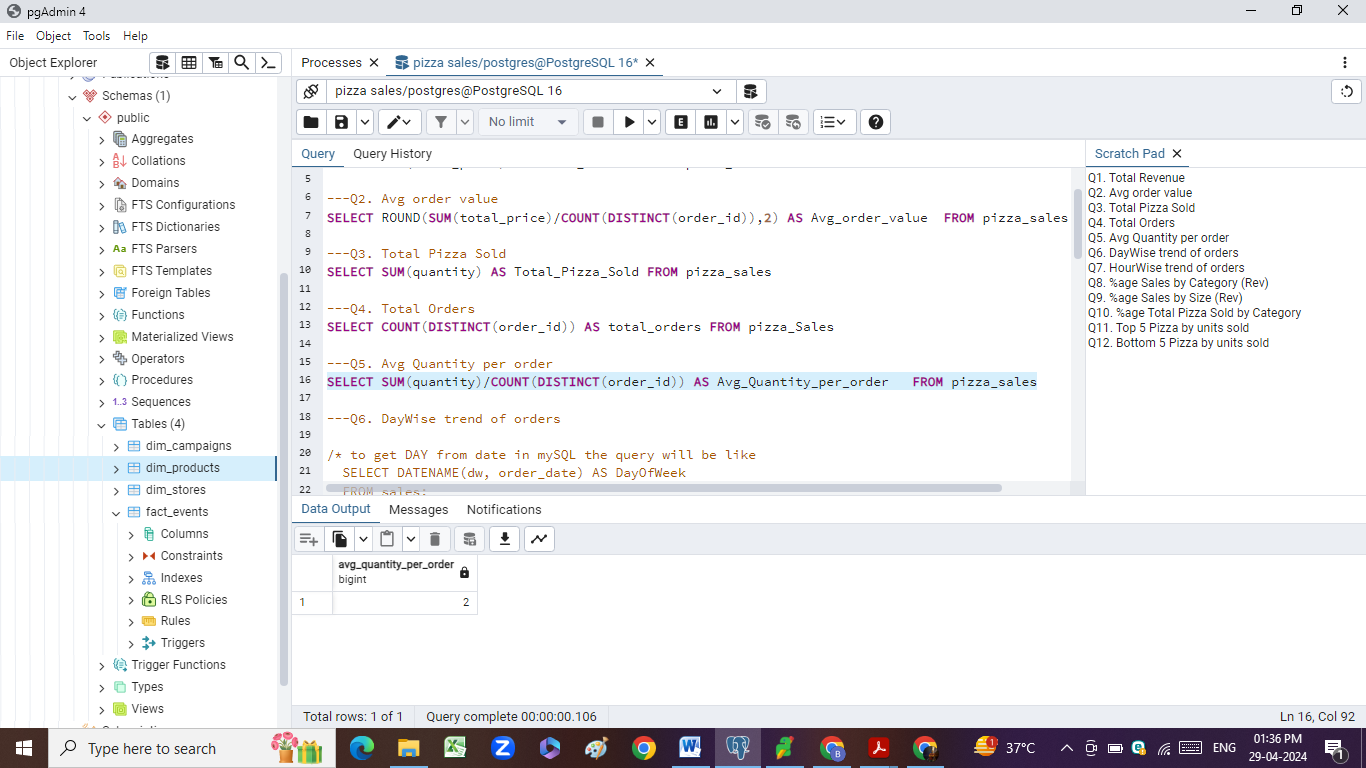
FROM pizza\_Sales



---Q5. Avg Quantity per order

SELECT SUM(quantity)/COUNT(DISTINCT(order\_id)) AS Avg\_Quantity\_per\_order

FROM pizza\_sales



---Q6. DayWise trend of orders

*/\* to get DAY from date in mySQL the query will be like*

*SELECT DATENAME(dw, order\_date) AS DayOfWeek*

*FROM sales;*

*but in PostgreSQL same result query is Quite different\*/*

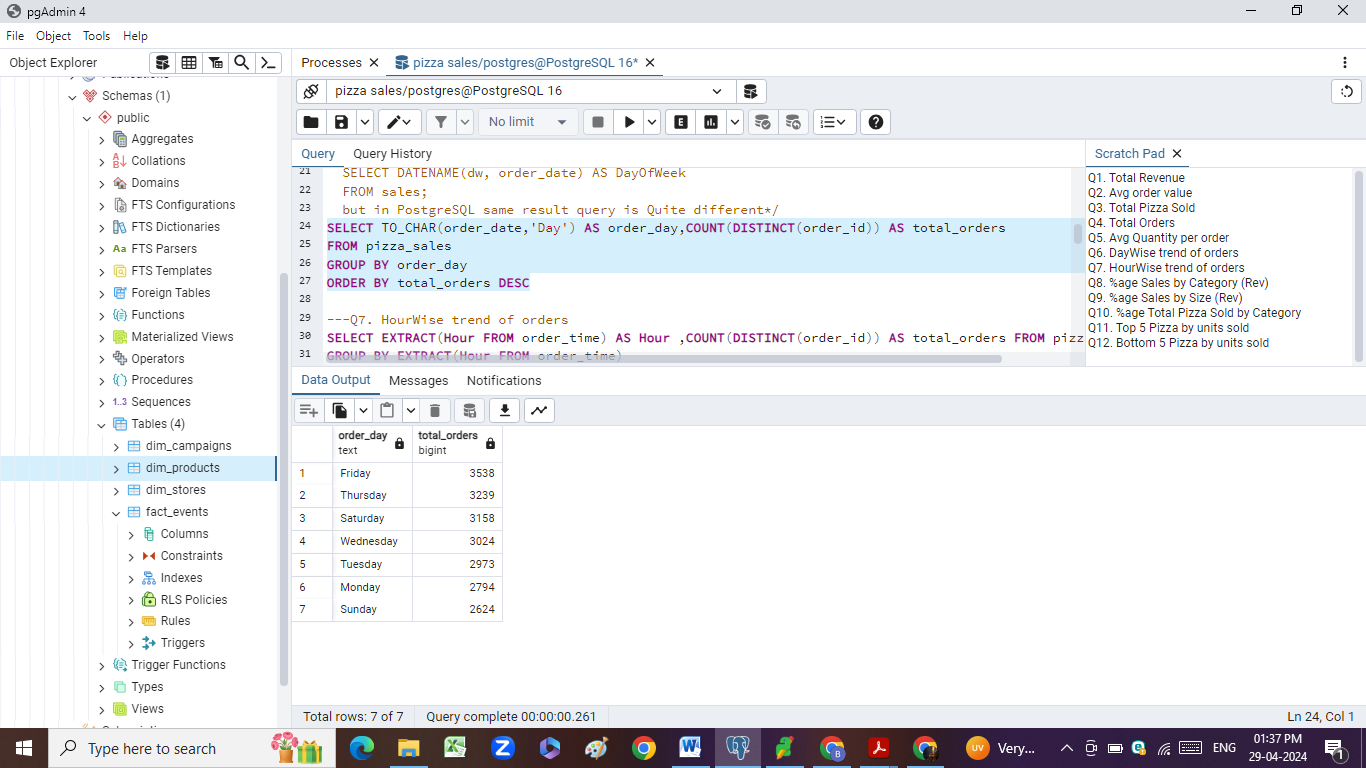
SELECT TO\_CHAR(order\_date,'Day') AS order\_day,

COUNT(DISTINCT(order\_id)) AS total\_orders

FROM pizza\_sales

GROUP BY order\_day

ORDER BY total\_orders DESC



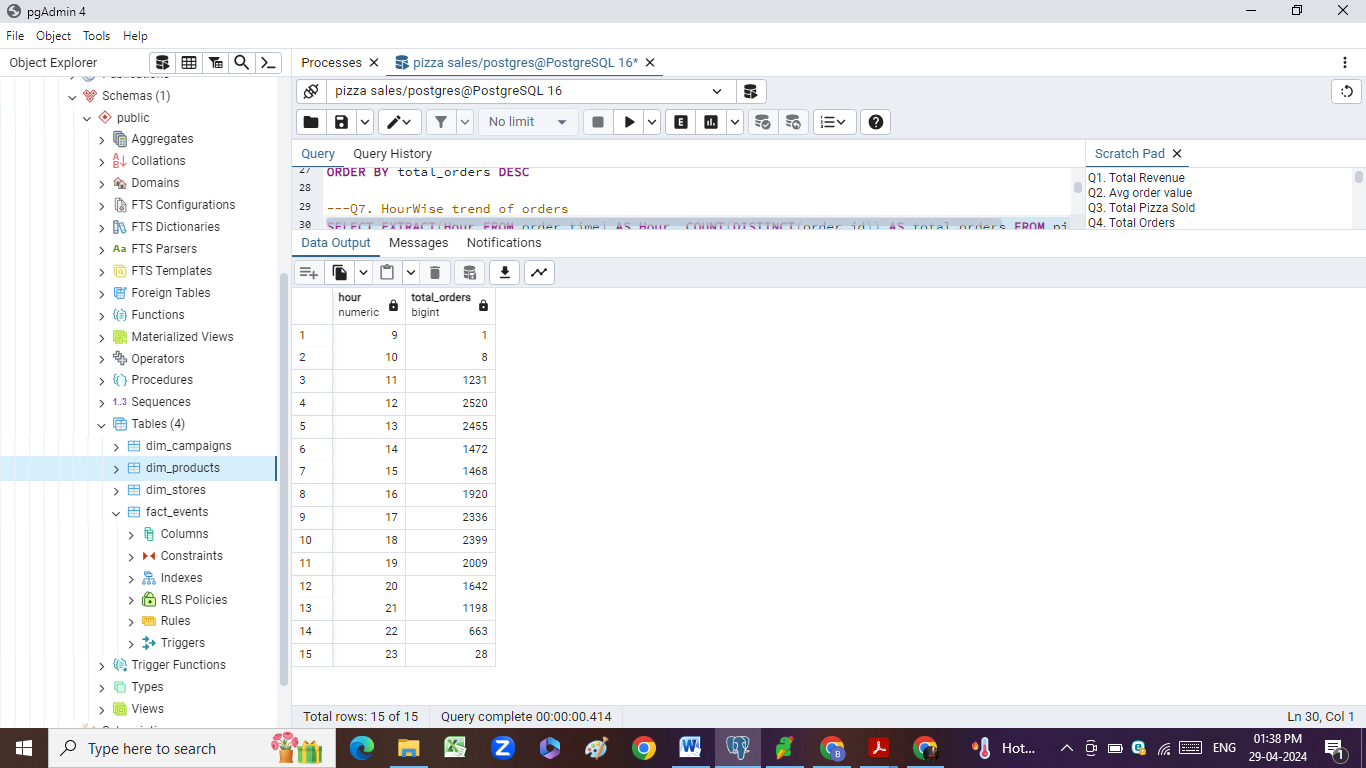
---Q7. HourWise trend of orders

SELECT EXTRACT(Hour FROM order\_time) AS Hour ,

COUNT(DISTINCT(order\_id)) AS total\_orders

FROM pizza\_sales

GROUP BY EXTRACT(Hour FROM order\_time)



---Q8. %age Sales by Category (Rev)

/\* Using Sub\_query concept to get denominator Total revenue\*/

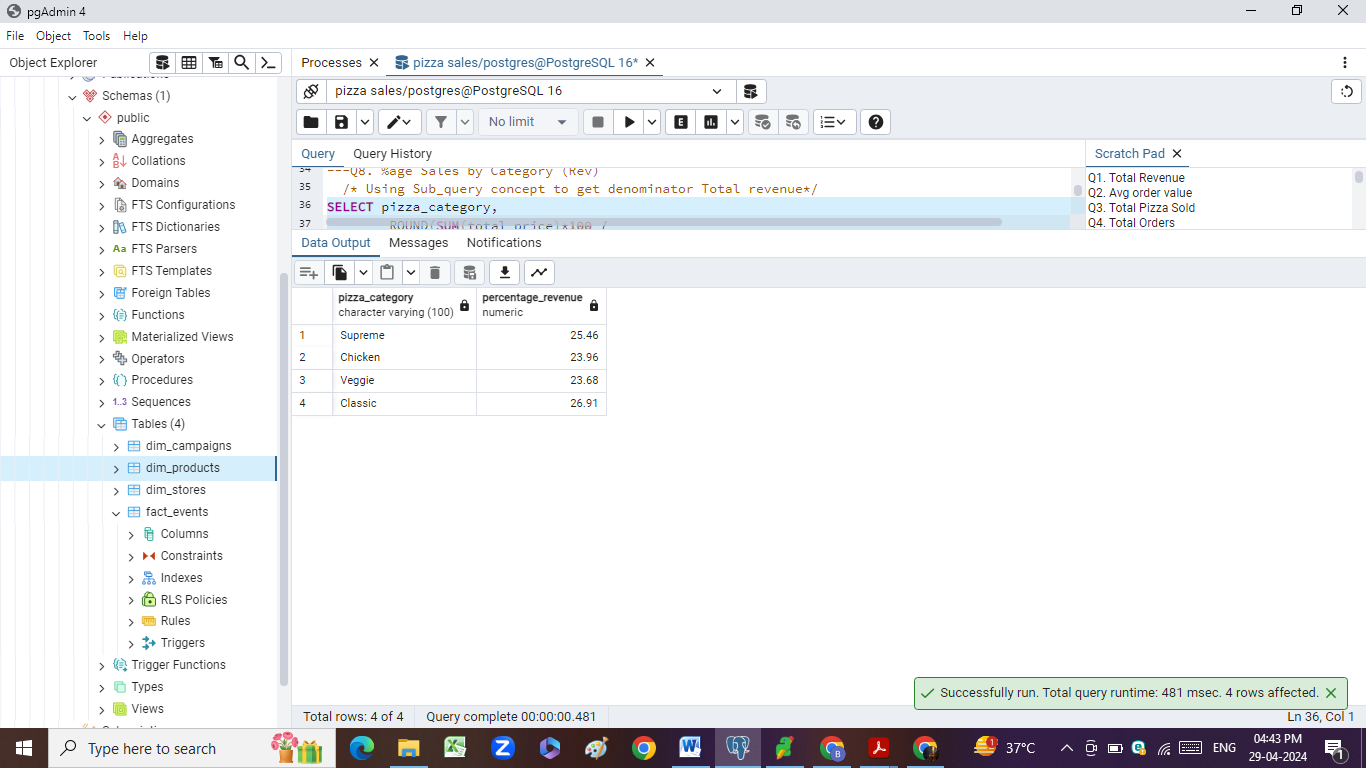
SELECT pizza\_category,

ROUND(SUM(total\_price)\*100 /

(SELECT SUM(total\_price) FROM pizza\_sales),2) AS Percentage\_Revenue

FROM pizza\_sales

GROUP BY pizza\_category



---Q9. %age Sales by Size (Rev)

SELECT pizza\_size,

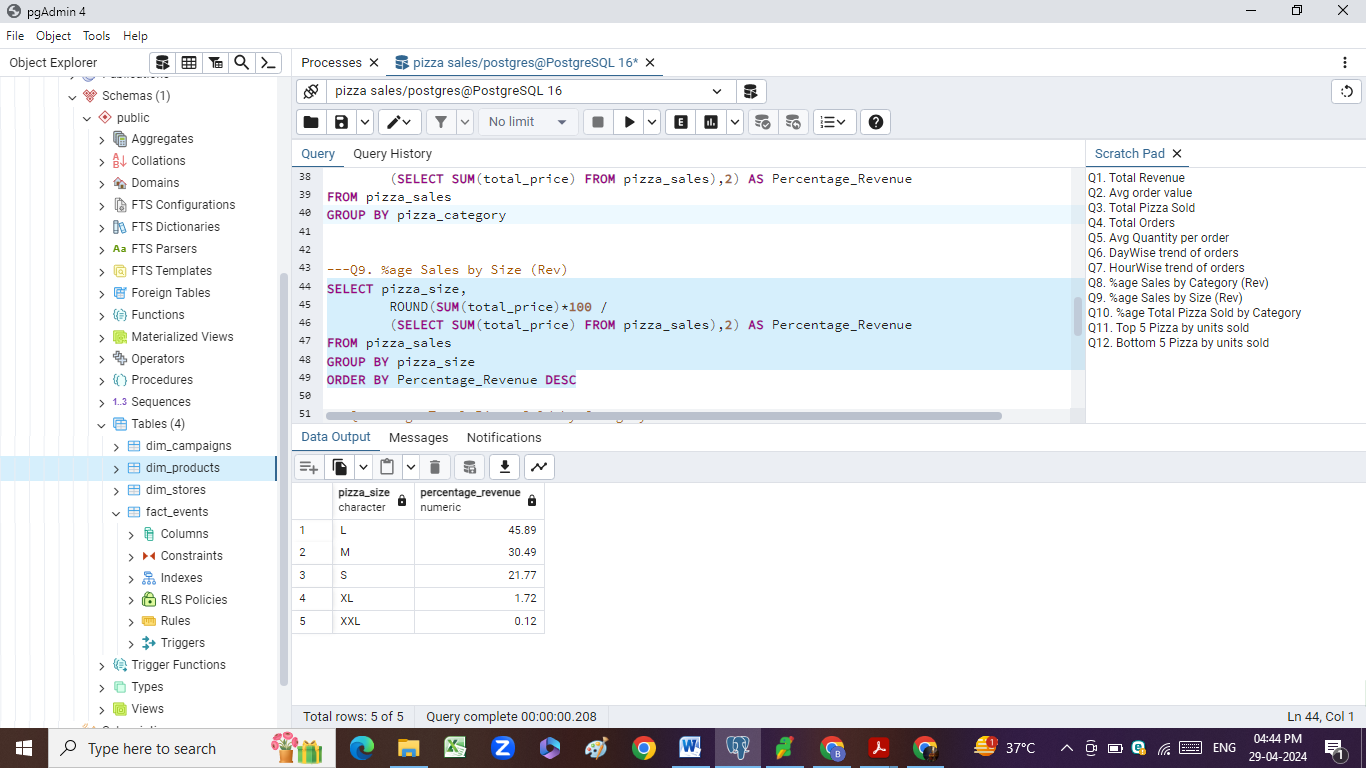
ROUND(SUM(total\_price)\*100 /

(SELECT SUM(total\_price) FROM pizza\_sales),2) AS Percentage\_Revenue

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY Percentage\_Revenue DESC



---Q10. %age Total Pizza Sold by Category

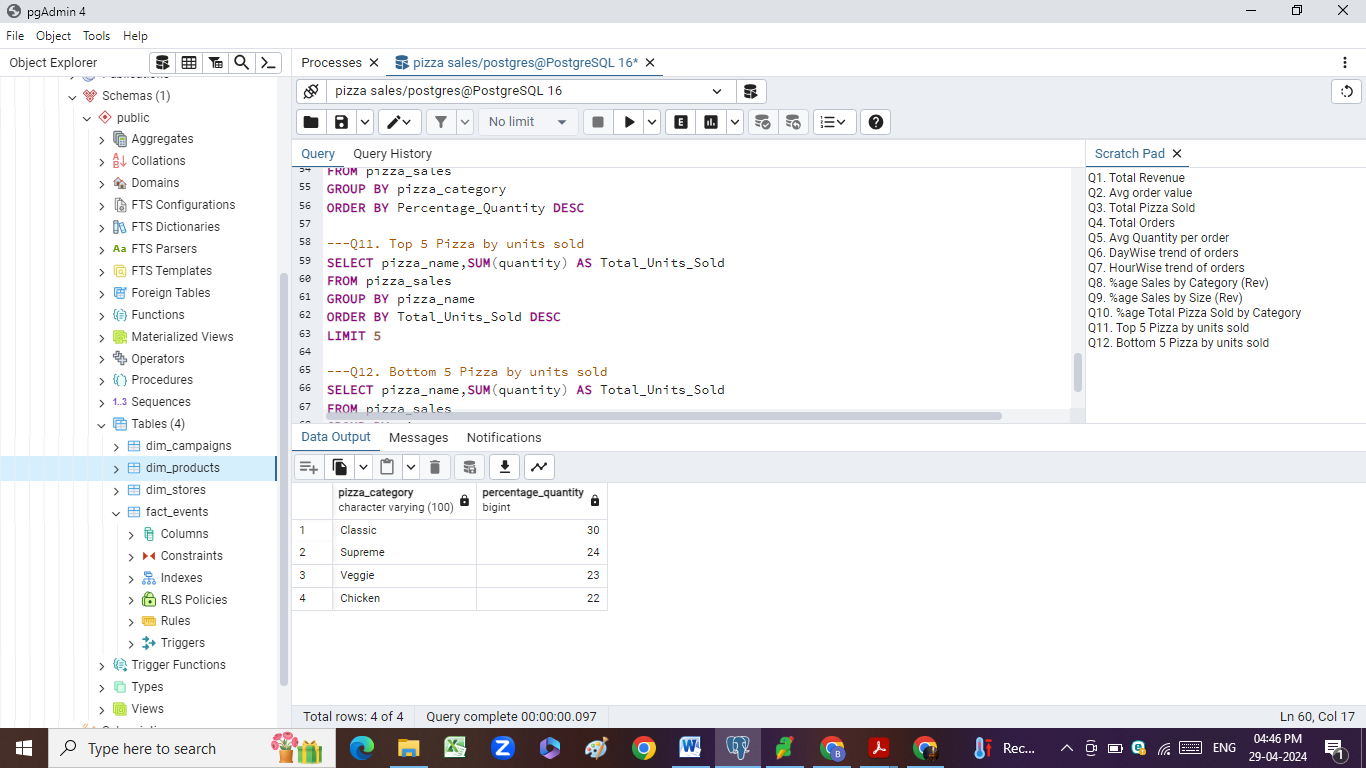
SELECT pizza\_category,SUM(quantity)\*100/

(SELECT SUM(quantity) FROM pizza\_sales) AS PErcentage\_Quantity

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY Percentage\_Quantity DESC



---Q11. Top 5 Pizza by units sold

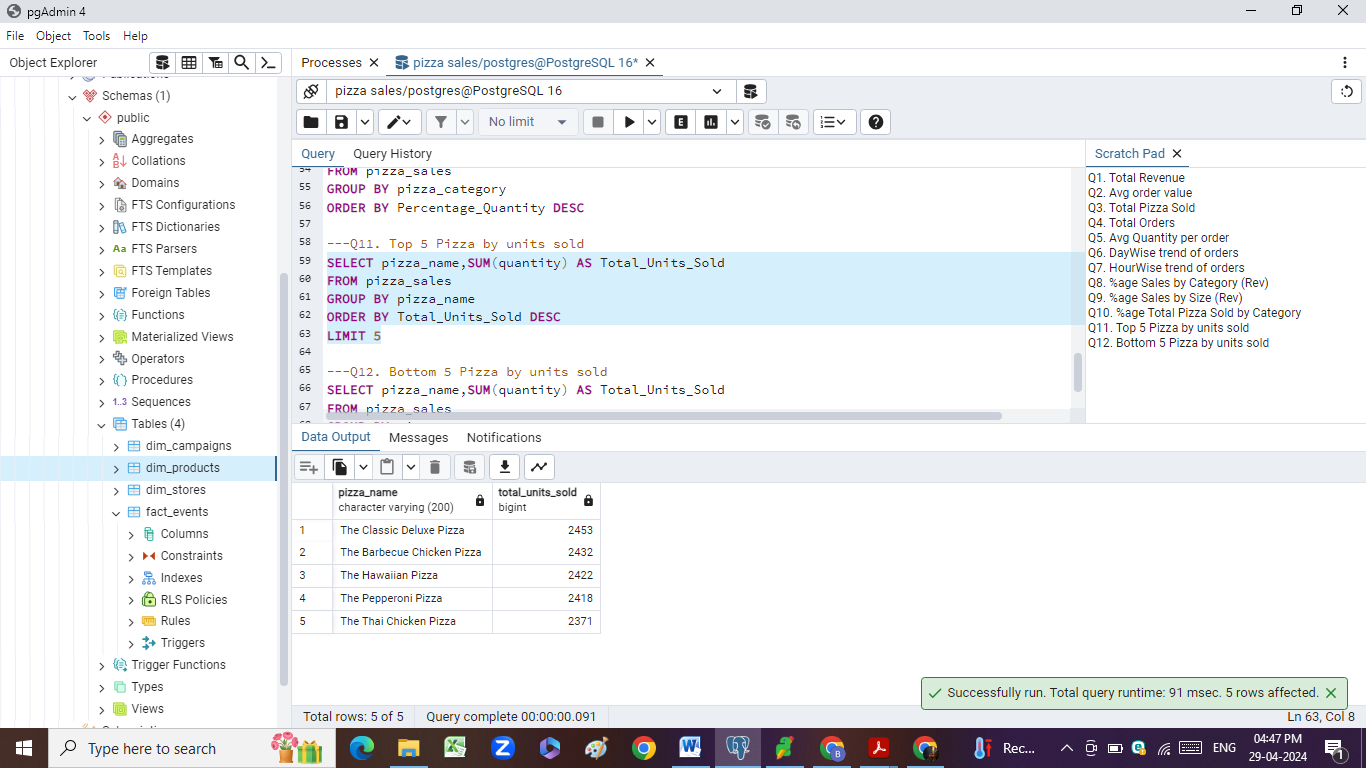
SELECT pizza\_name,SUM(quantity) AS Total\_Units\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Units\_Sold DESC

LIMIT 5



---Q12. Bottom 5 Pizza by units sold

SELECT pizza\_name,SUM(quantity) AS Total\_Units\_Sold

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_Units\_Sold ASC

LIMIT 5

