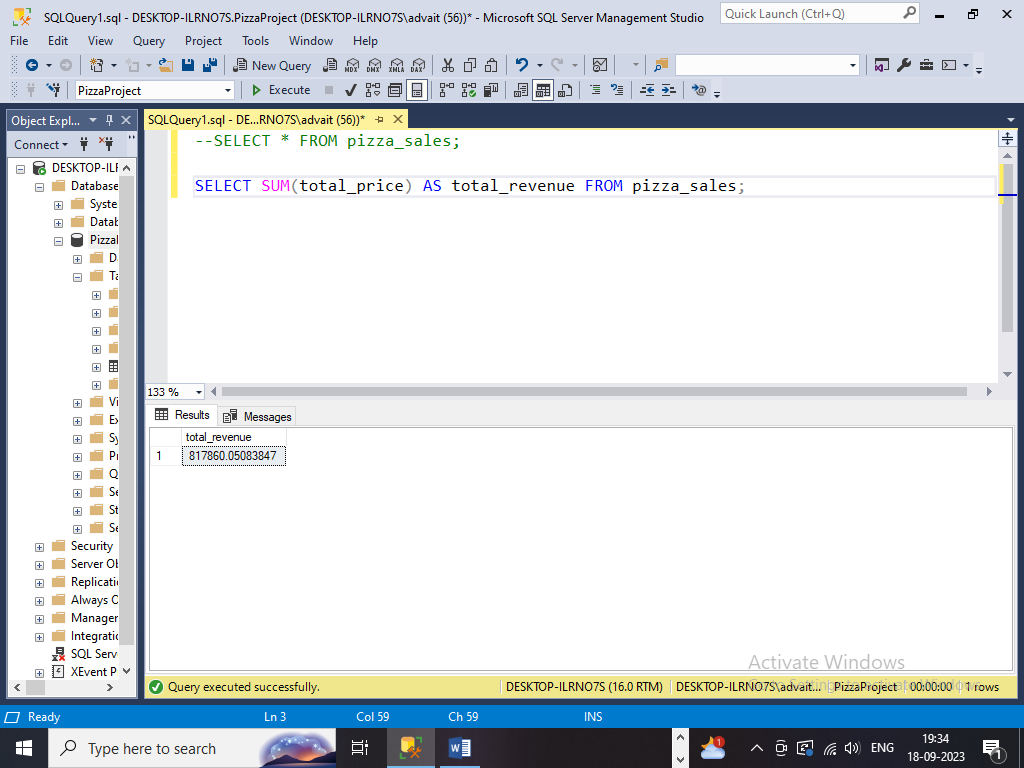
**PIZZA SALES SQL QUERIES**

**KPI’s:**

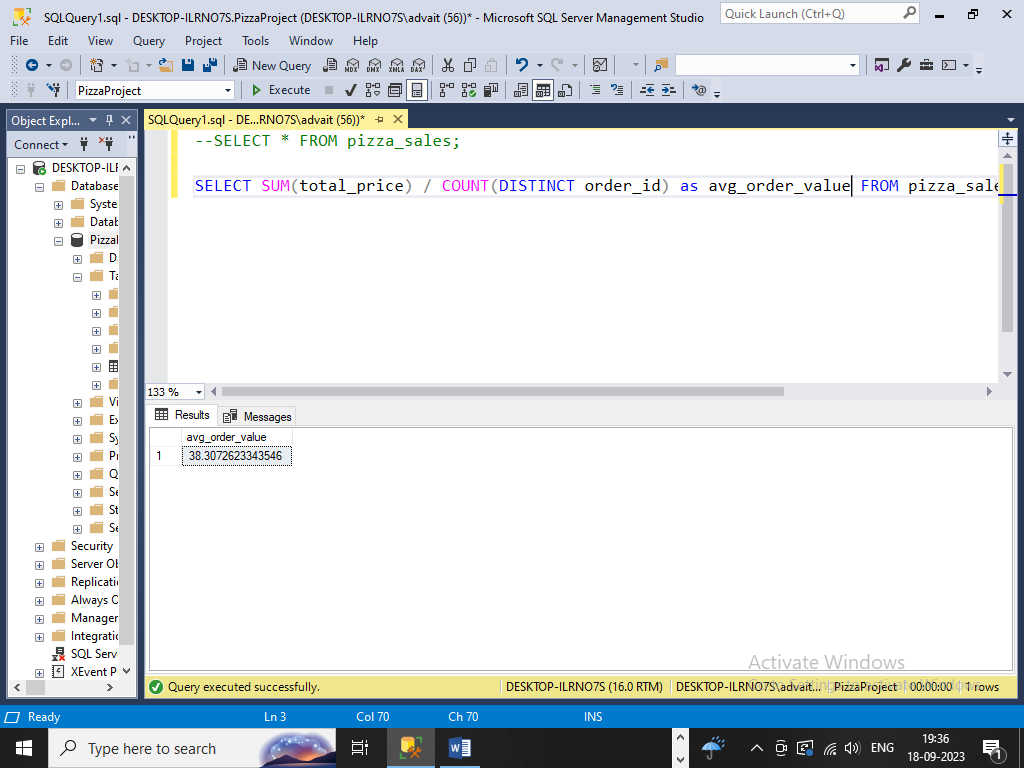
1. **Total Revenue**

SELECT SUM(total\_price) AS total\_revenue FROM pizza\_sales;



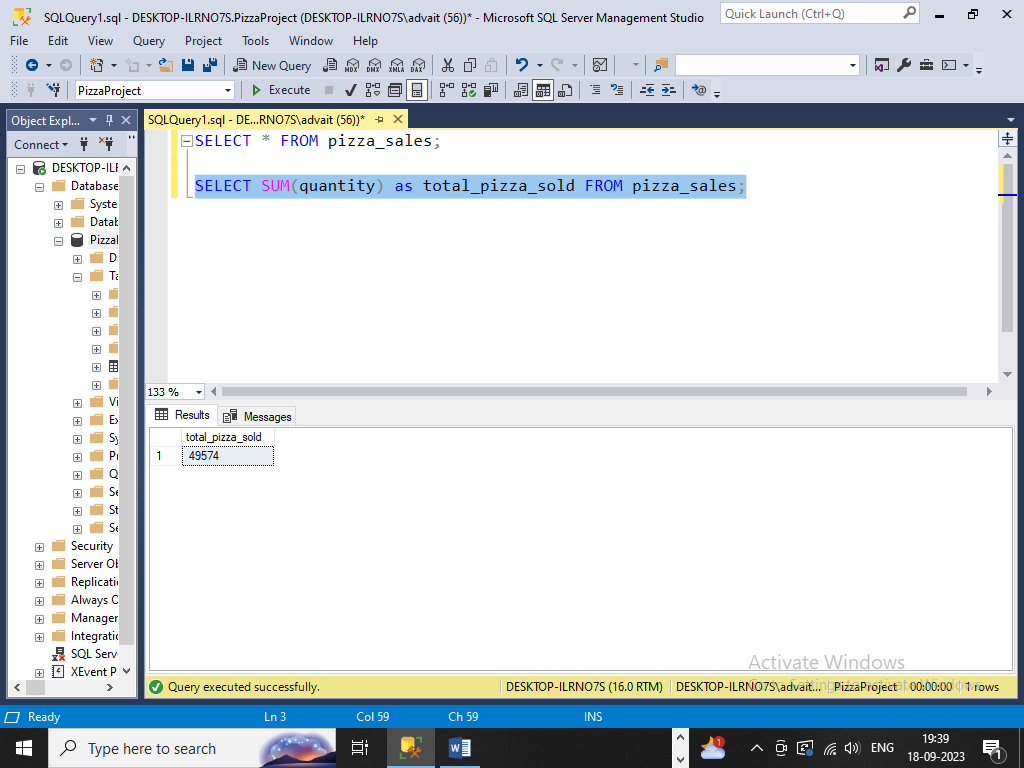
1. **Average Order Value**

SELECT SUM(total\_price) / COUNT(DISTINCT order\_id) as avg\_rev FROM pizza\_sales;



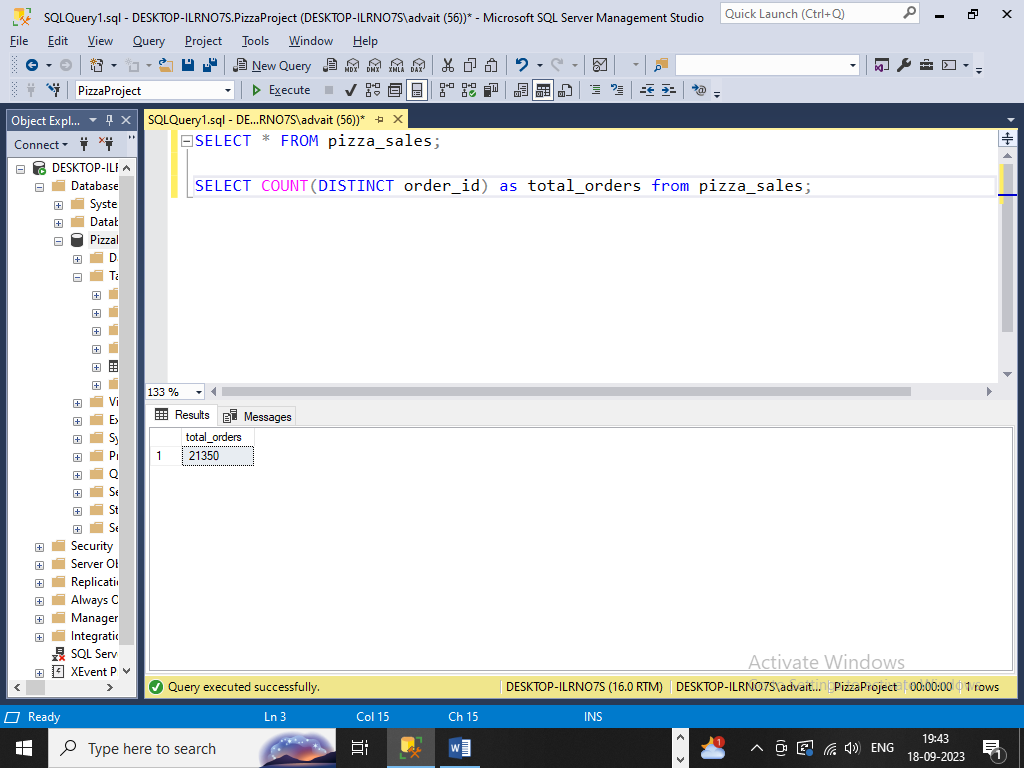
1. **Total Pizza’s Sold**

SELECT SUM(quantity) as total\_pizza\_sold FROM pizza\_sales;



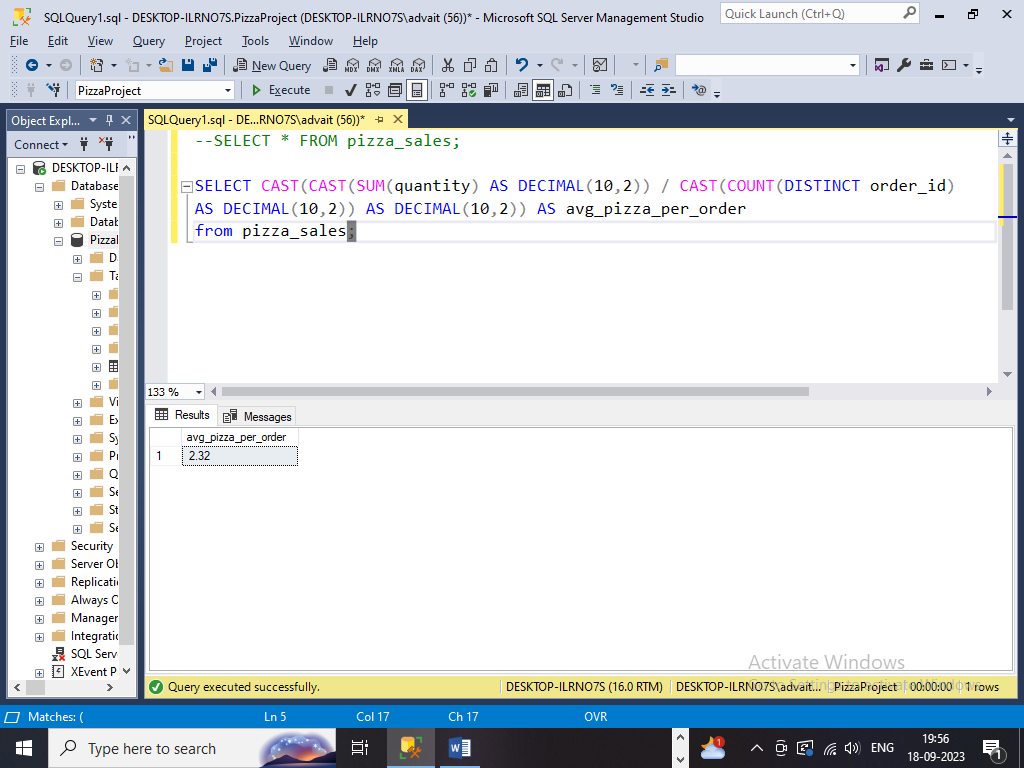
1. **Total Orders**

SELECT COUNT(DISTINCT order\_id) as total\_orders from pizza\_sales;



1. **Average Pizza Per Order**

SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) / CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS DECIMAL(10,2)) AS avg\_pizza\_per\_order from pizza\_sales;

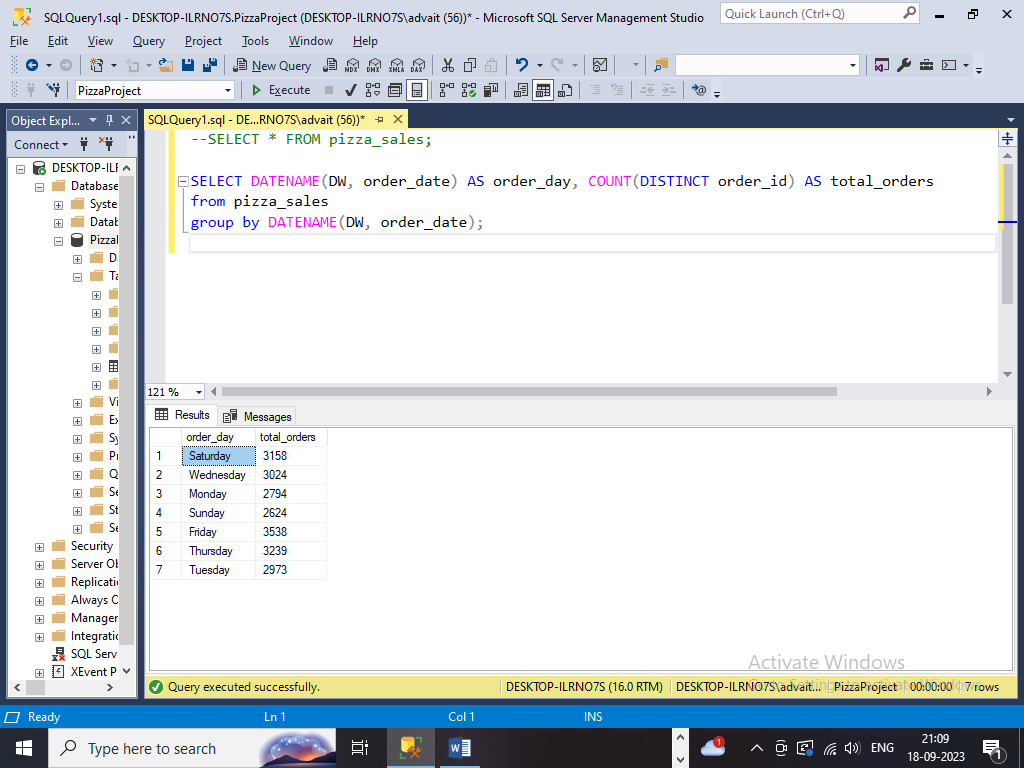


**CHART REQUIREMENT:**

1. **Daily trend for total orders**

SELECT DATENAME(DW, order\_date) AS order\_day, COUNT(DISTINCT order\_id) AS total\_orders FROM pizza\_sales

GROUP BY DATENAME(DW, order\_date);

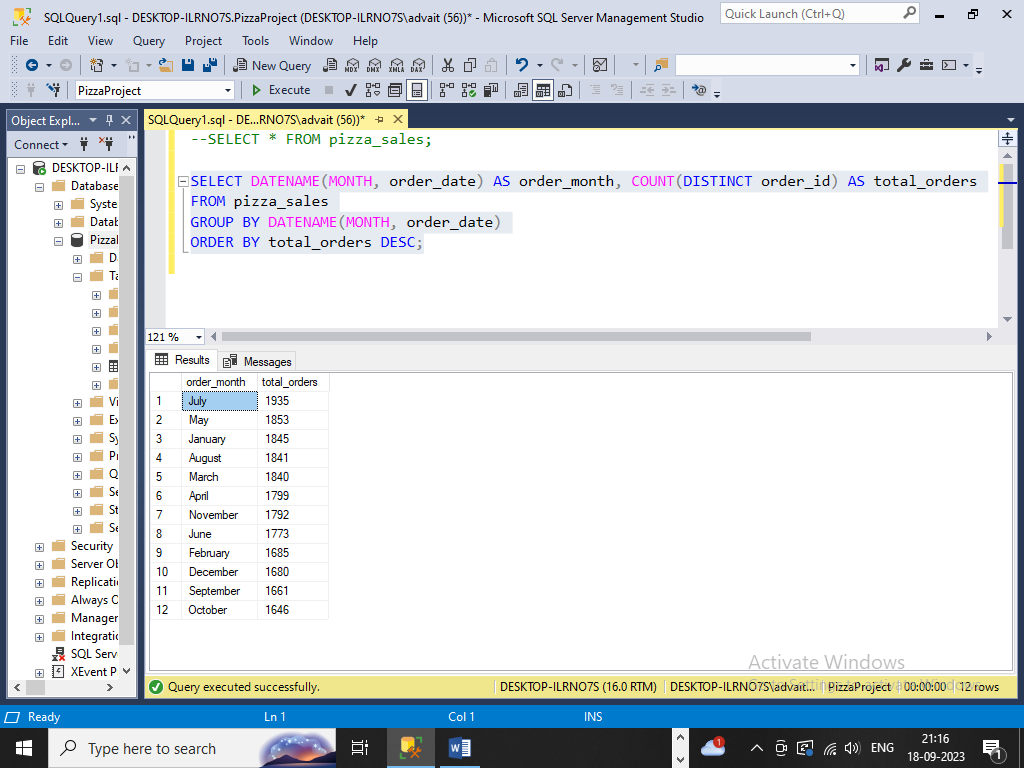


1. **Monthly trend for total orders**

SELECT DATENAME(MONTH, order\_date) AS order\_month, COUNT(DISTINCT order\_id) AS total\_orders FROM pizza\_sales

GROUP BY DATENAME(MONTH, order\_date)

ORDER BY total\_orders DESC;



1. **Hourly trend for total orders**

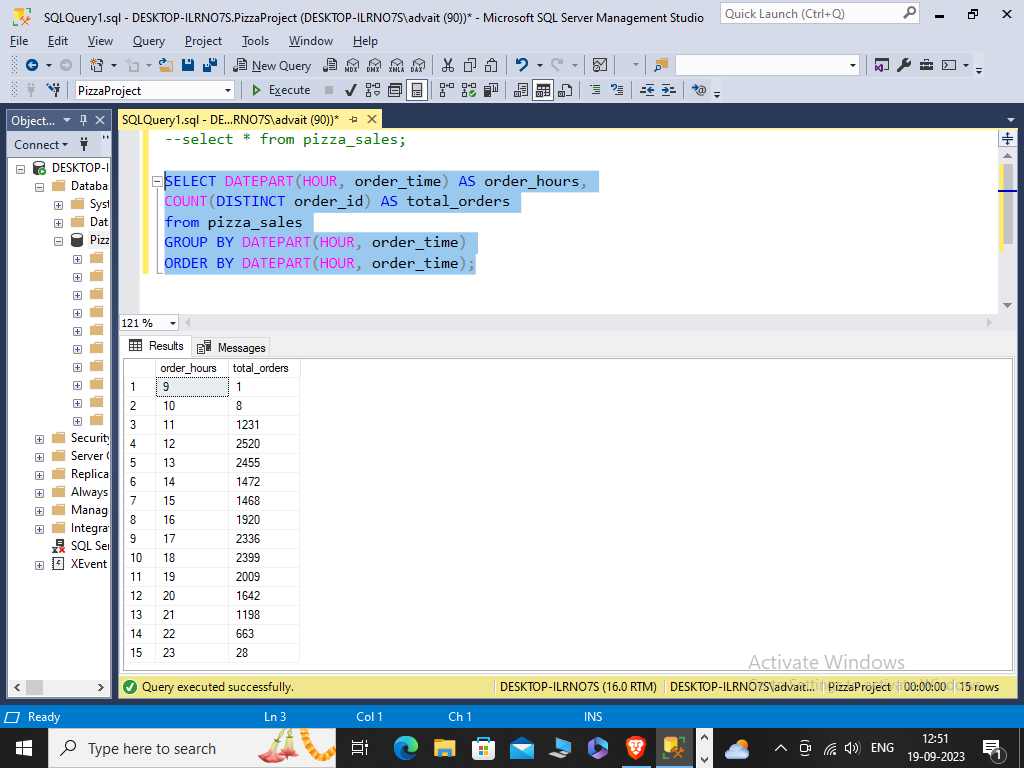
SELECT DATEPART(HOUR, order\_time) AS order\_hours,

COUNT(DISTINCT order\_id) AS total\_orders

FROM pizza\_sales

GROUP BY DATEPART(HOUR, order\_time)

ORDER BY DATEPART(HOUR, order\_time);



1. **Percentage of sales by pizza category**

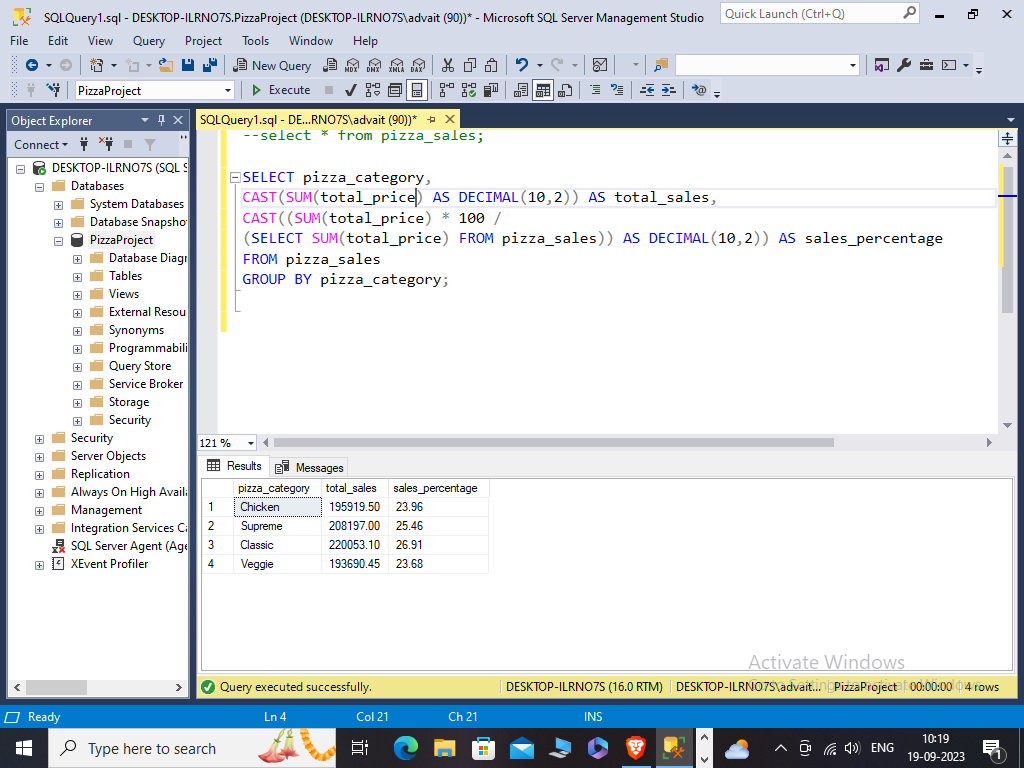
SELECT pizza\_category,

CAST(SUM(total\_price) AS DECIMAL(10,2)) AS total\_sales,

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

(SELECT SUM(total\_price) FROM pizza\_sales)) AS DECIMAL(10,2)) AS sales\_percentage FROM pizza\_sales

GROUP BY pizza\_category;



**For month wise:**

SELECT pizza\_category,

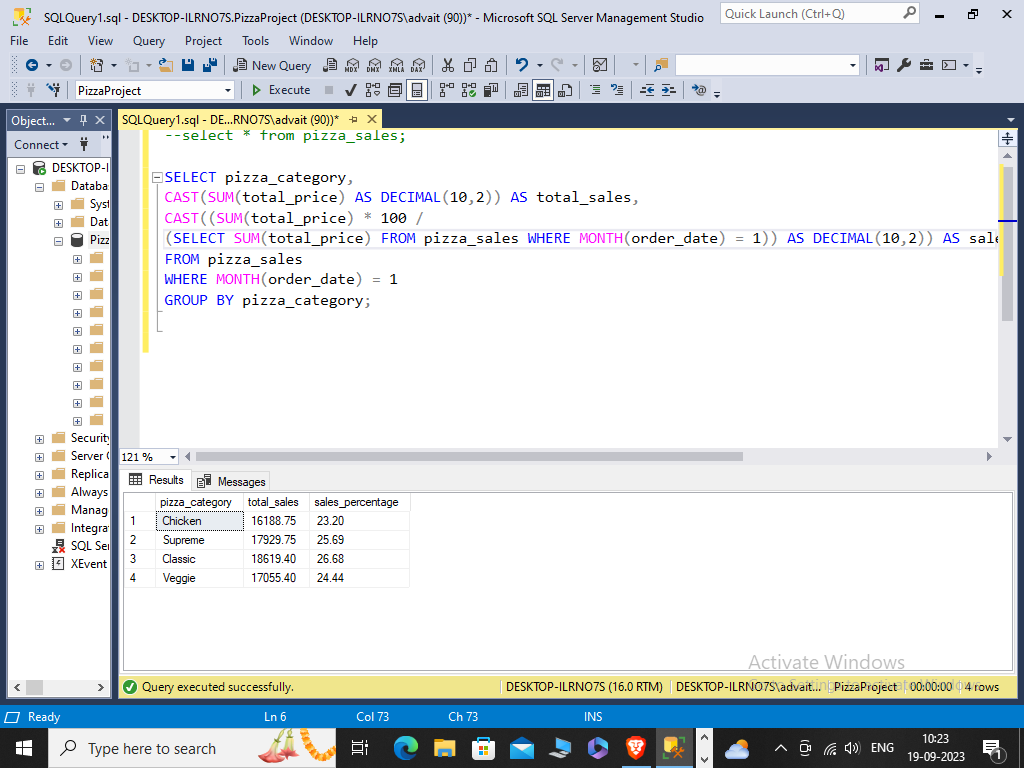
CAST(SUM(total\_price) AS DECIMAL(10,2)) AS total\_sales,

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

(SELECT SUM(total\_price) FROM pizza\_sales WHERE MONTH(order\_date) = 1)) AS DECIMAL(10,2)) AS sales\_percentage FROM pizza\_sales

WHERE MONTH(order\_date) = 1

GROUP BY pizza\_category;



1. **Percentage of sales by pizza size**

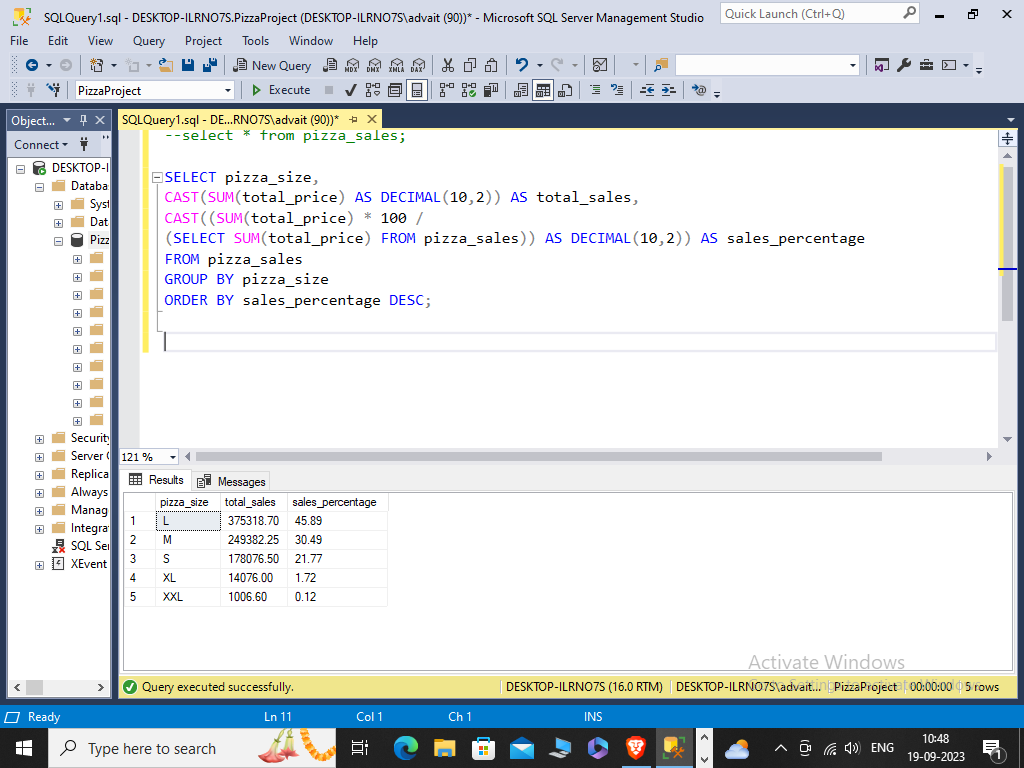
SELECT pizza\_size,

CAST(SUM(total\_price) AS DECIMAL(10,2)) AS total\_sales,

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

(SELECT SUM(total\_price) FROM pizza\_sales)) AS DECIMAL(10,2)) AS sales\_percentage FROM pizza\_sales GROUP BY pizza\_size

ORDER BY sales\_percentage DESC;



**For quarter wise:**

SELECT pizza\_size,

CAST(SUM(total\_price) AS DECIMAL(10,2)) AS total\_sales,

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

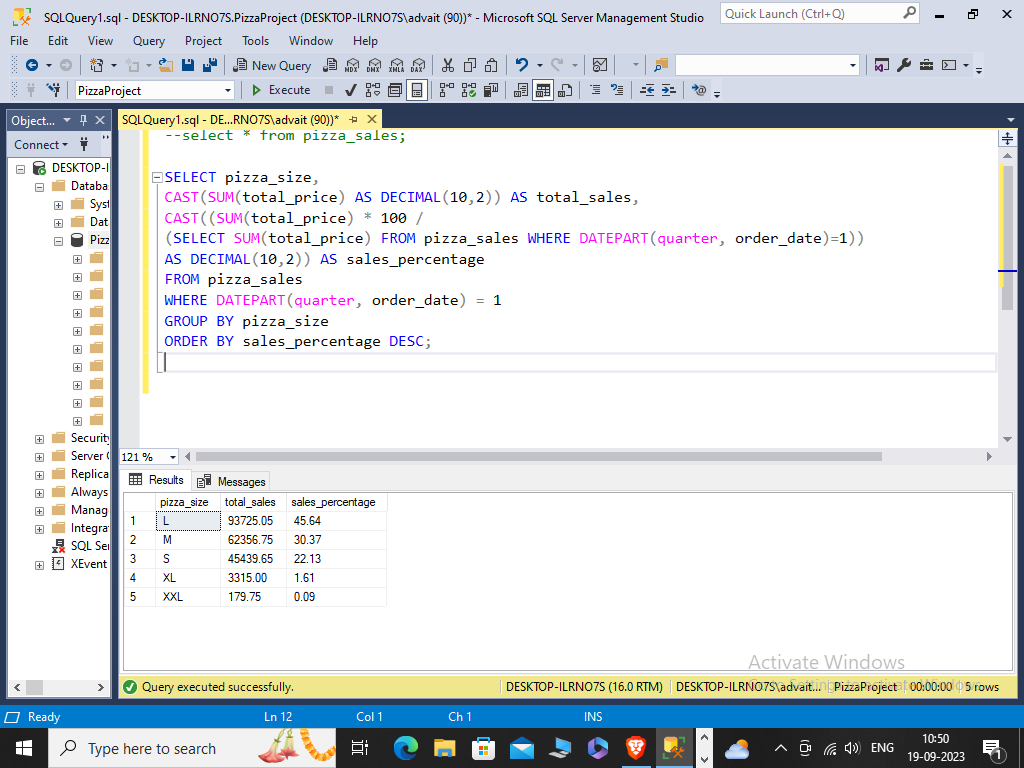
(SELECT SUM(total\_price) FROM pizza\_sales WHERE DATEPART(quarter, order\_date)=1)) AS DECIMAL(10,2)) AS sales\_percentage

FROM pizza\_sales

WHERE DATEPART(quarter, order\_date) = 1

GROUP BY pizza\_size

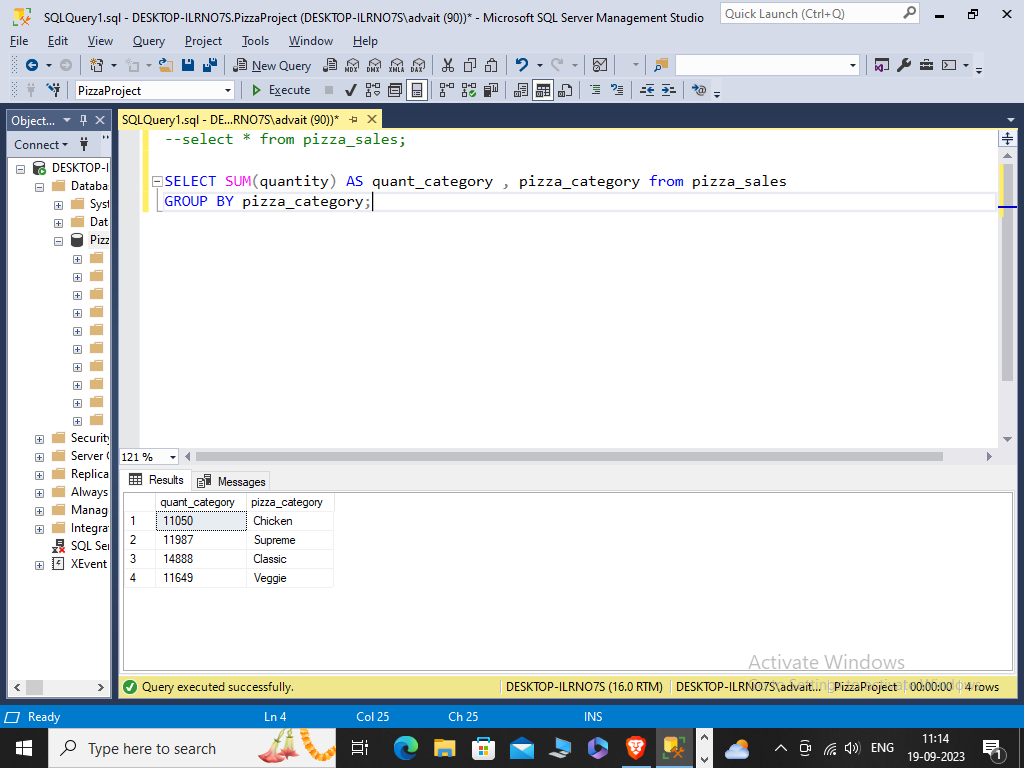
ORDER BY sales\_percentage DESC;



1. **Total pizzas sold by pizza category**

SELECT SUM(quantity) AS quant\_category , pizza\_category from pizza\_sales

GROUP BY pizza\_category;

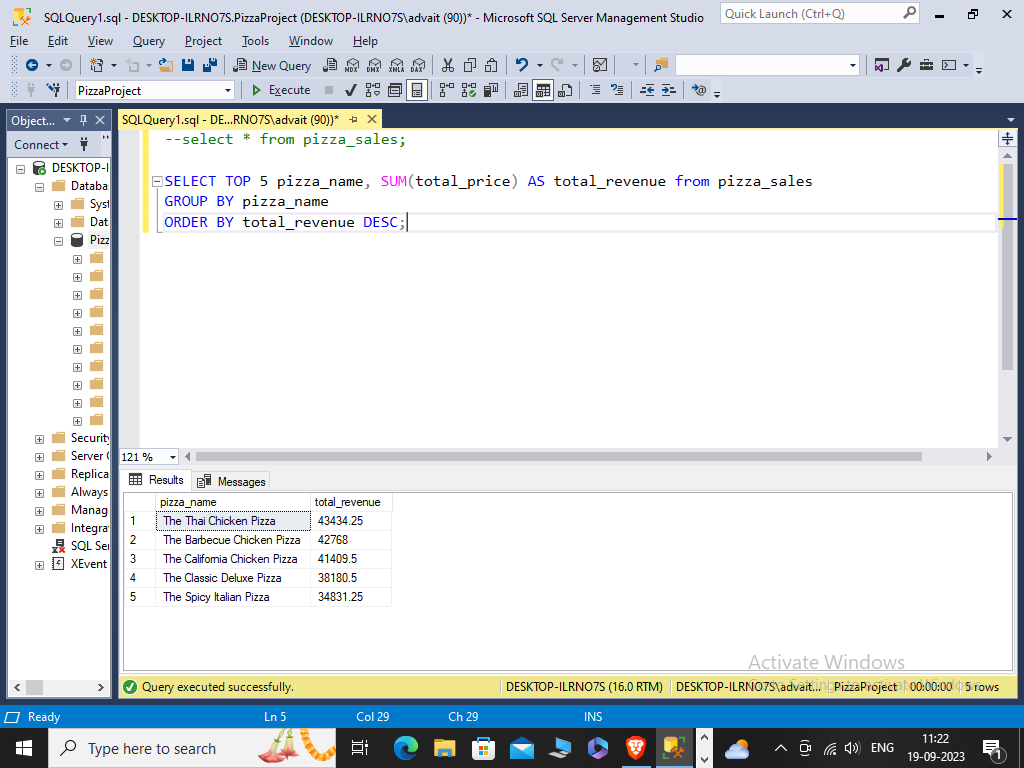


1. **Top 5 pizza by revenue**

SELECT TOP 5 pizza\_name, SUM(total\_price) AS total\_revenue from pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue DESC;

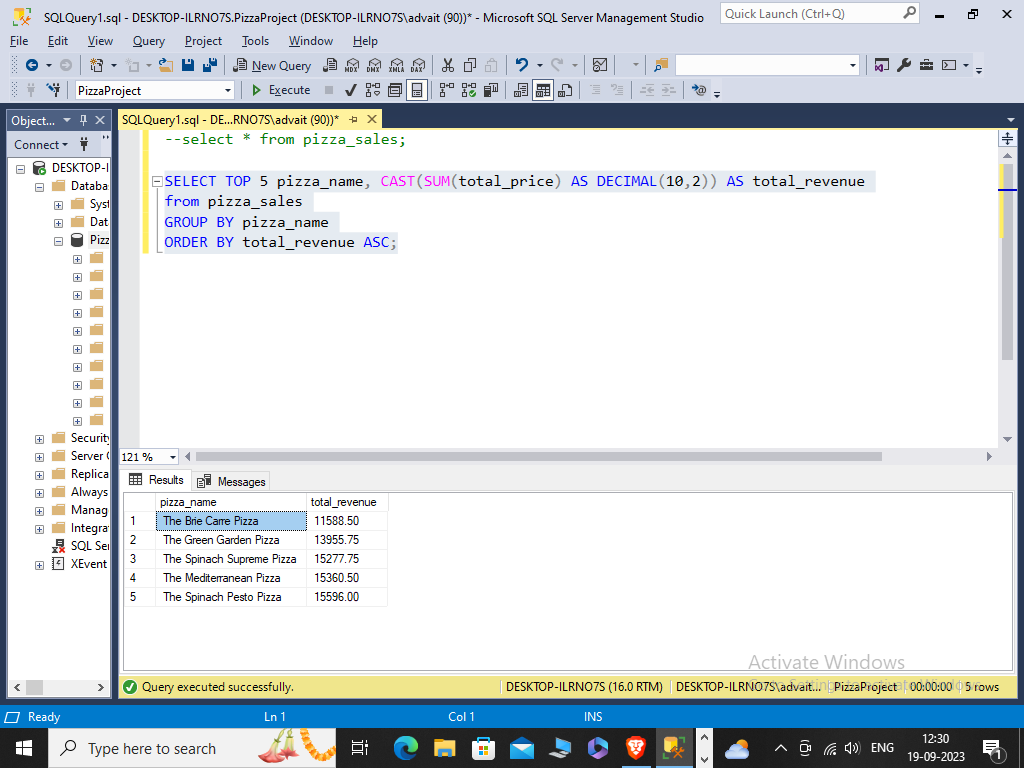


1. **Bottom 5 pizza by revenue**

SELECT TOP 5 pizza\_name, CAST(SUM(total\_price) AS DECIMAL(10,2)) AS total\_revenue from pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue ASC;



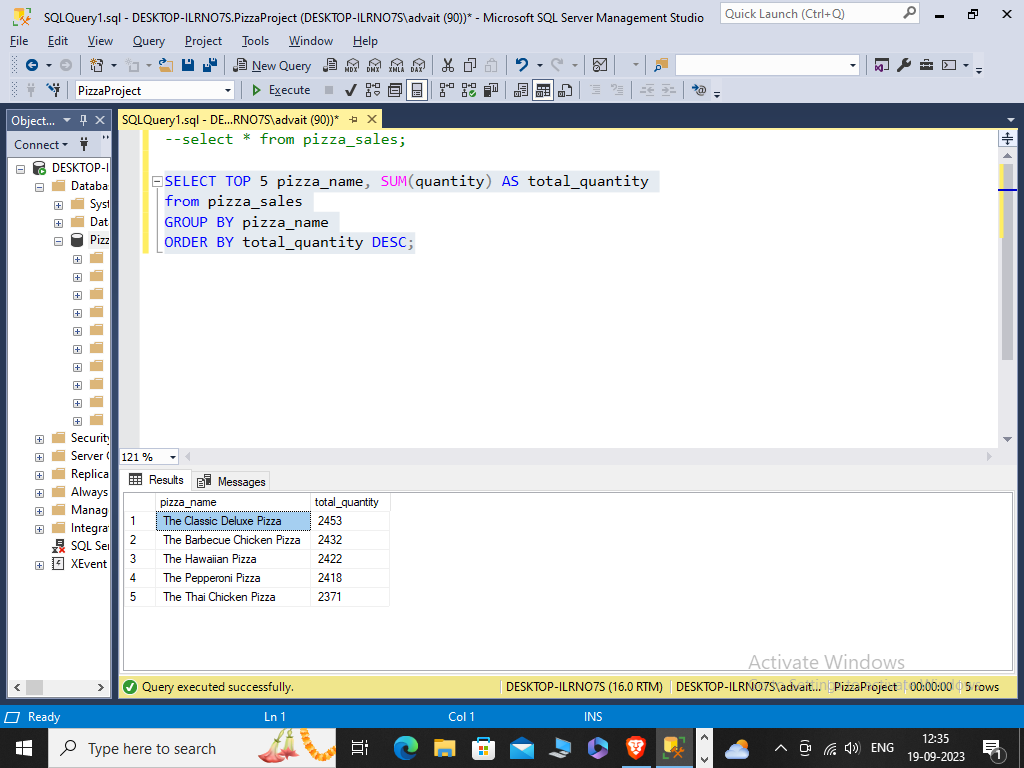
1. **Top 5 pizza by Quantity**

SELECT TOP 5 pizza\_name, SUM(quantity) AS total\_quantity

from pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity DESC;



1. **Top 5 pizza by Quantity**

SELECT TOP 5 pizza\_name, SUM(quantity) AS total\_quantity

from pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity ASC;

