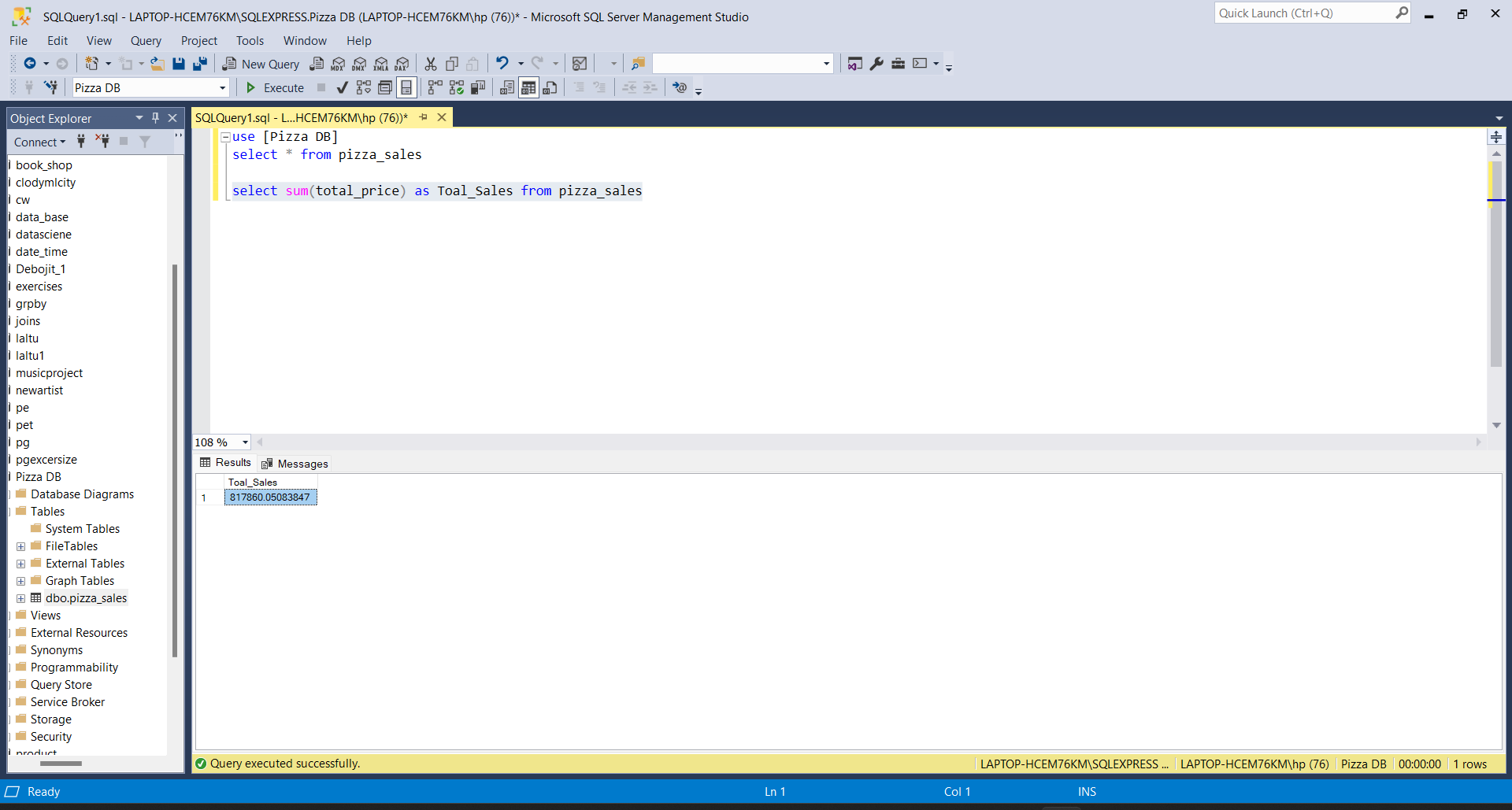
**Pizza Sales SQL Queries**

**1.Total Revenue**

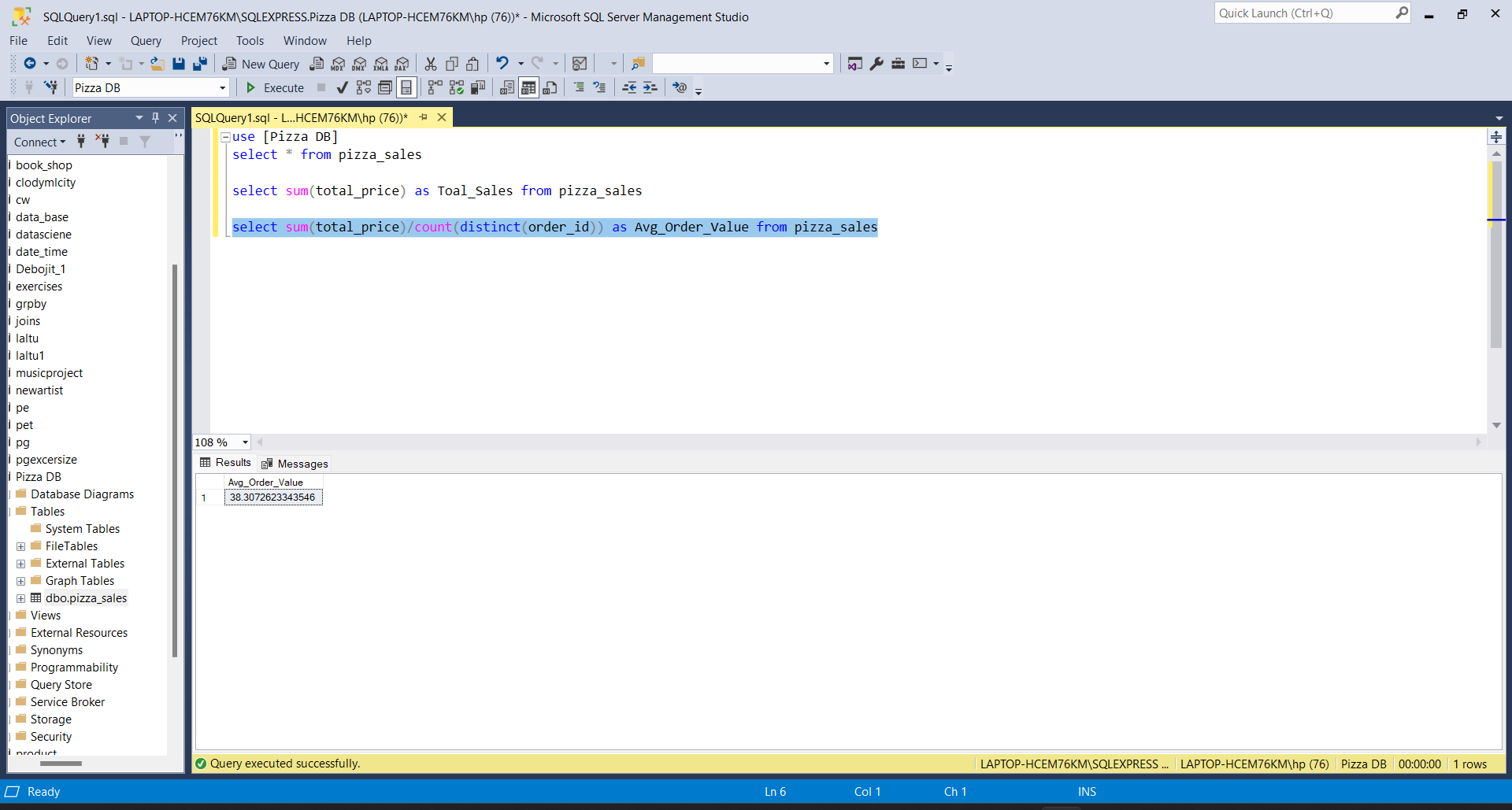
select sum(total\_price) as Toal\_Sales from pizza\_sales



`

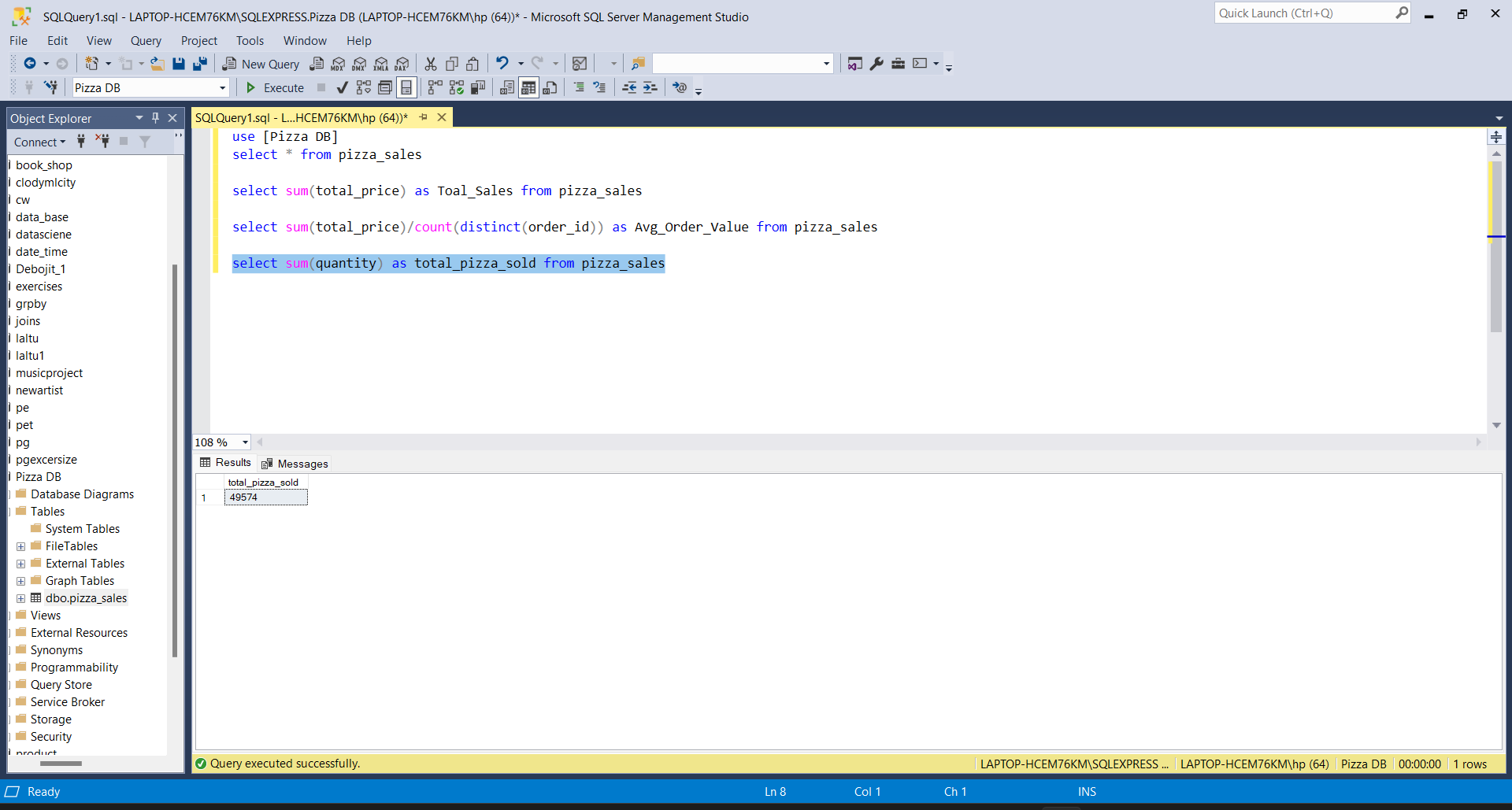
**2. Average Oder Value**

select sum(total\_price)/count(distinct(order\_id)) as Avg\_Order\_Value from pizza\_sales



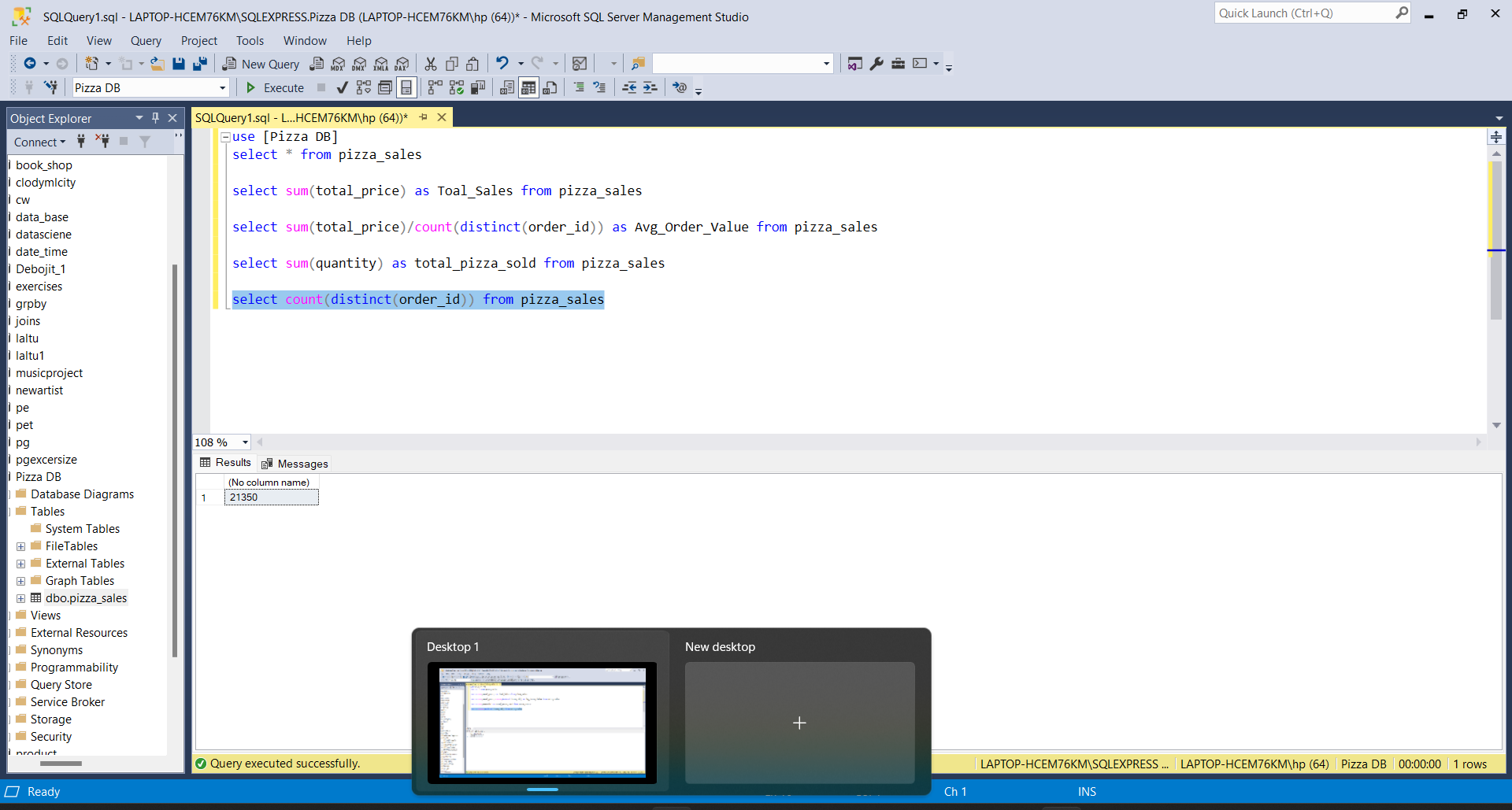
**3. Total Pizza Sold**

select sum(quantity) as total\_pizza\_sold from pizza\_sales



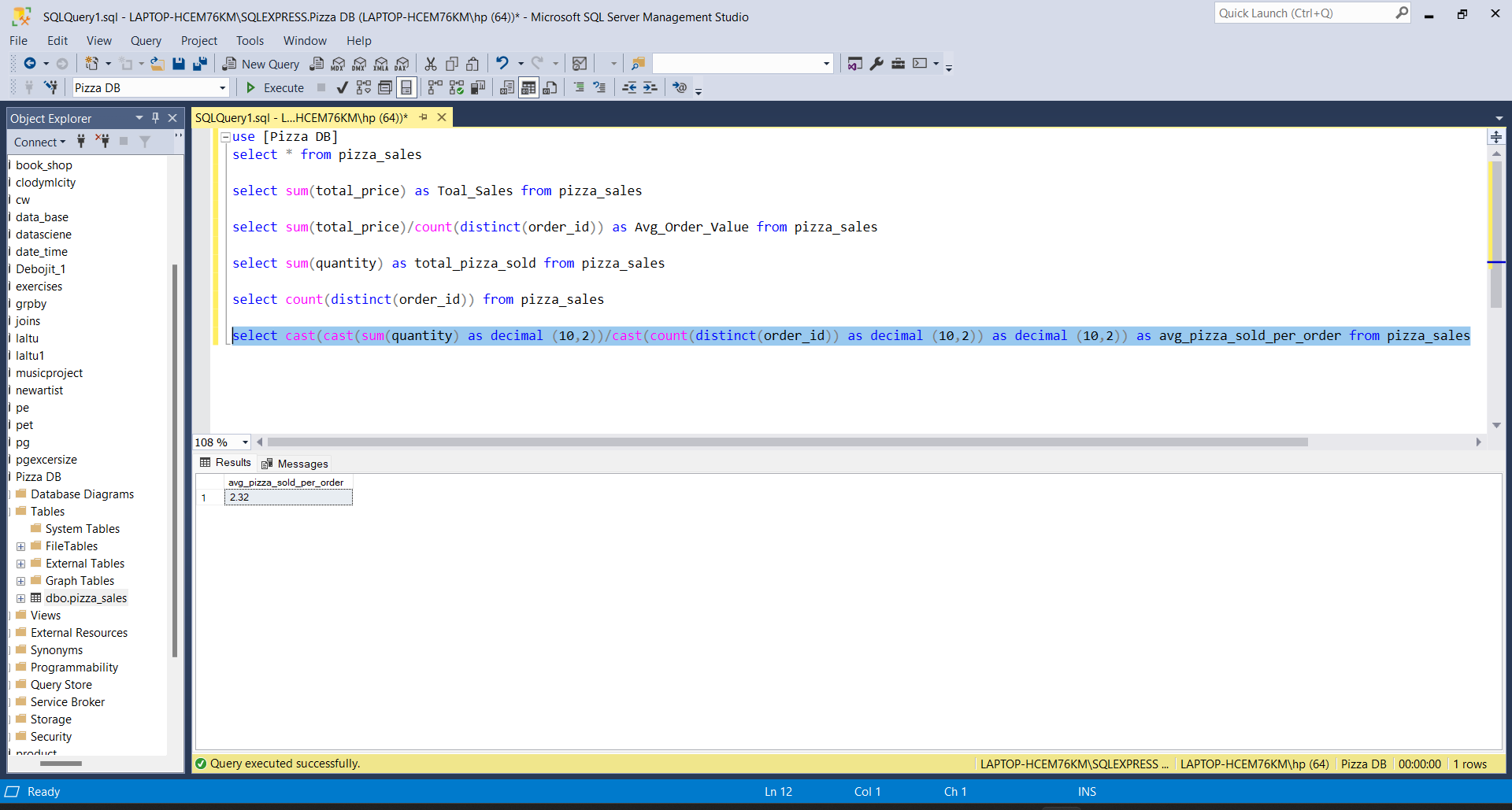
**4. Total Orders**

select count(distinct(order\_id)) from pizza\_sales



**4. 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\_sold\_per\_order from pizza\_sales



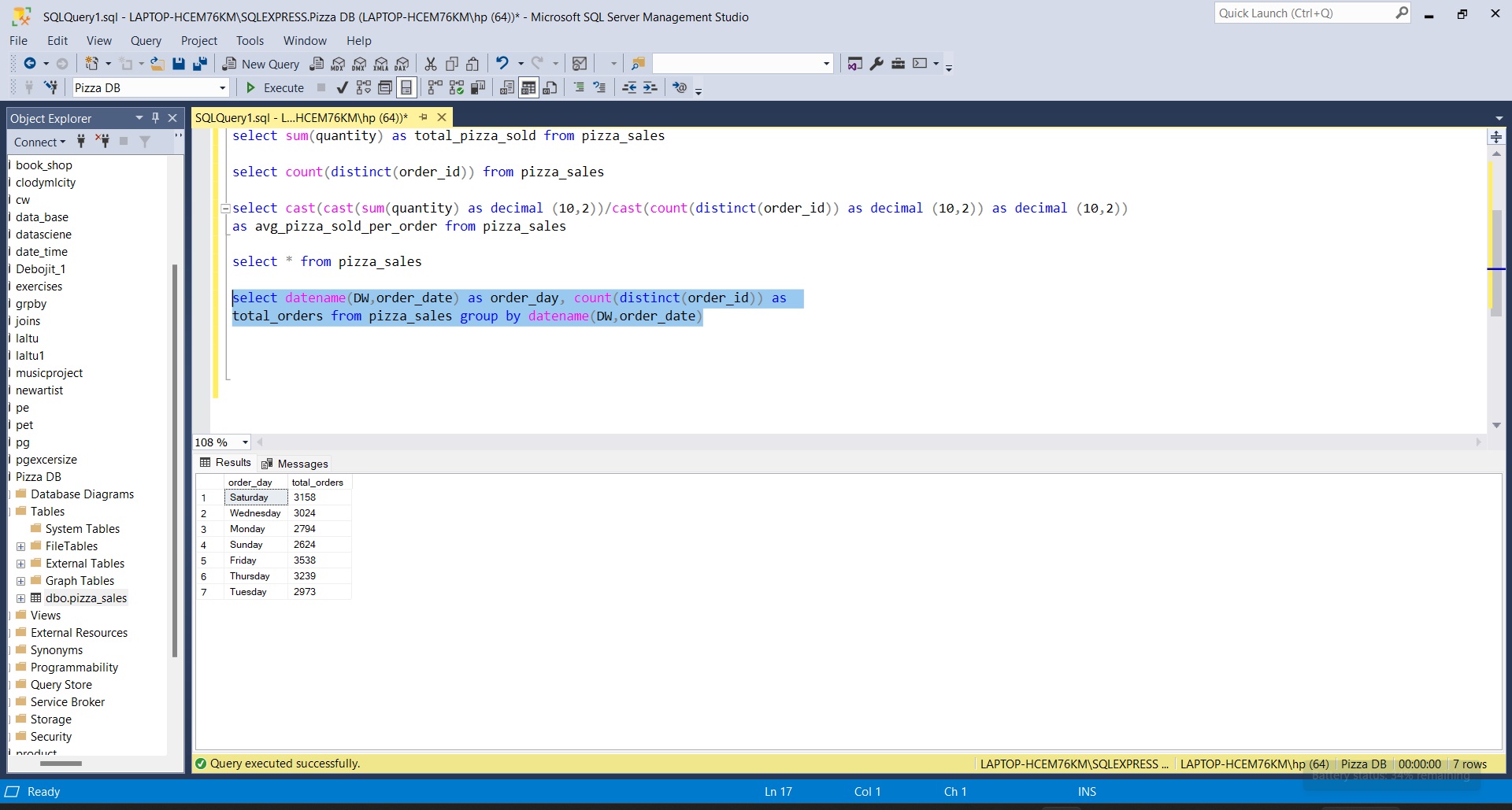
**Charts Requirements**

**1.Daily Trend for total orders:**

Create a bar chart that displays the daily trend of total orders over a specific limit period. This chart will help us identify any patterns or fluctuations in order volumes on a daily basis.

select datename(DW,order\_date) as order\_day, count(distinct(order\_id)) as

total\_orders from pizza\_sales group by datename(DW,order\_date)

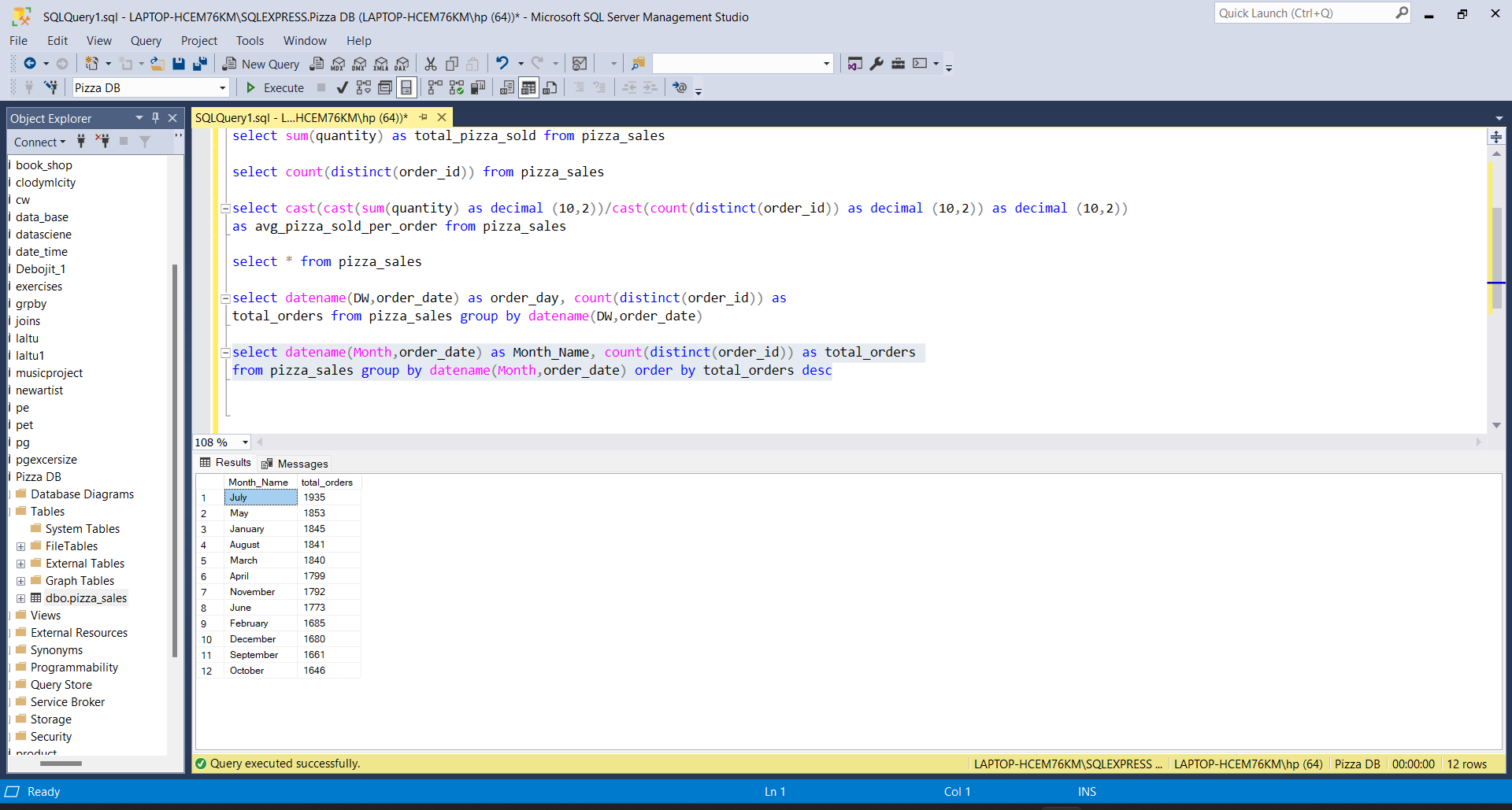


**2.Monthly and Hourly Trend for total orders**

Create a line line chart that illustrates the hourly trend of total orders throughout the day. This chart will allow us to identify peak hours or periods of high order activity.

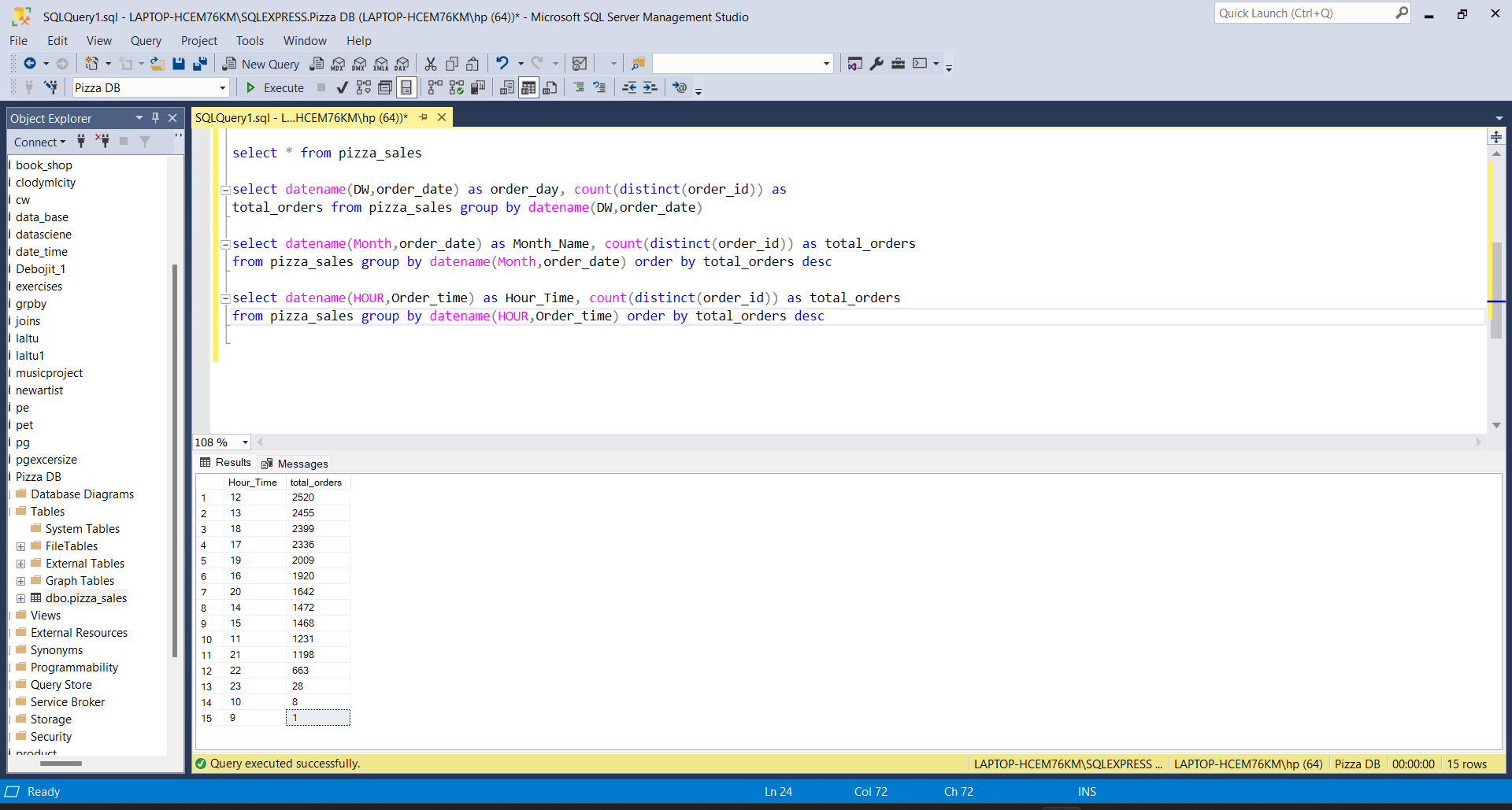
select datename(Month,order\_date) as Month\_Name, count(distinct(order\_id)) as total\_orders

from pizza\_sales group by datename(Month,order\_date) order by total\_orders desc



select datename(HOUR,Order\_time) as Hour\_Time, count(distinct(order\_id)) as total\_orders

from pizza\_sales group by datename(HOUR,Order\_time) order by total\_orders desc

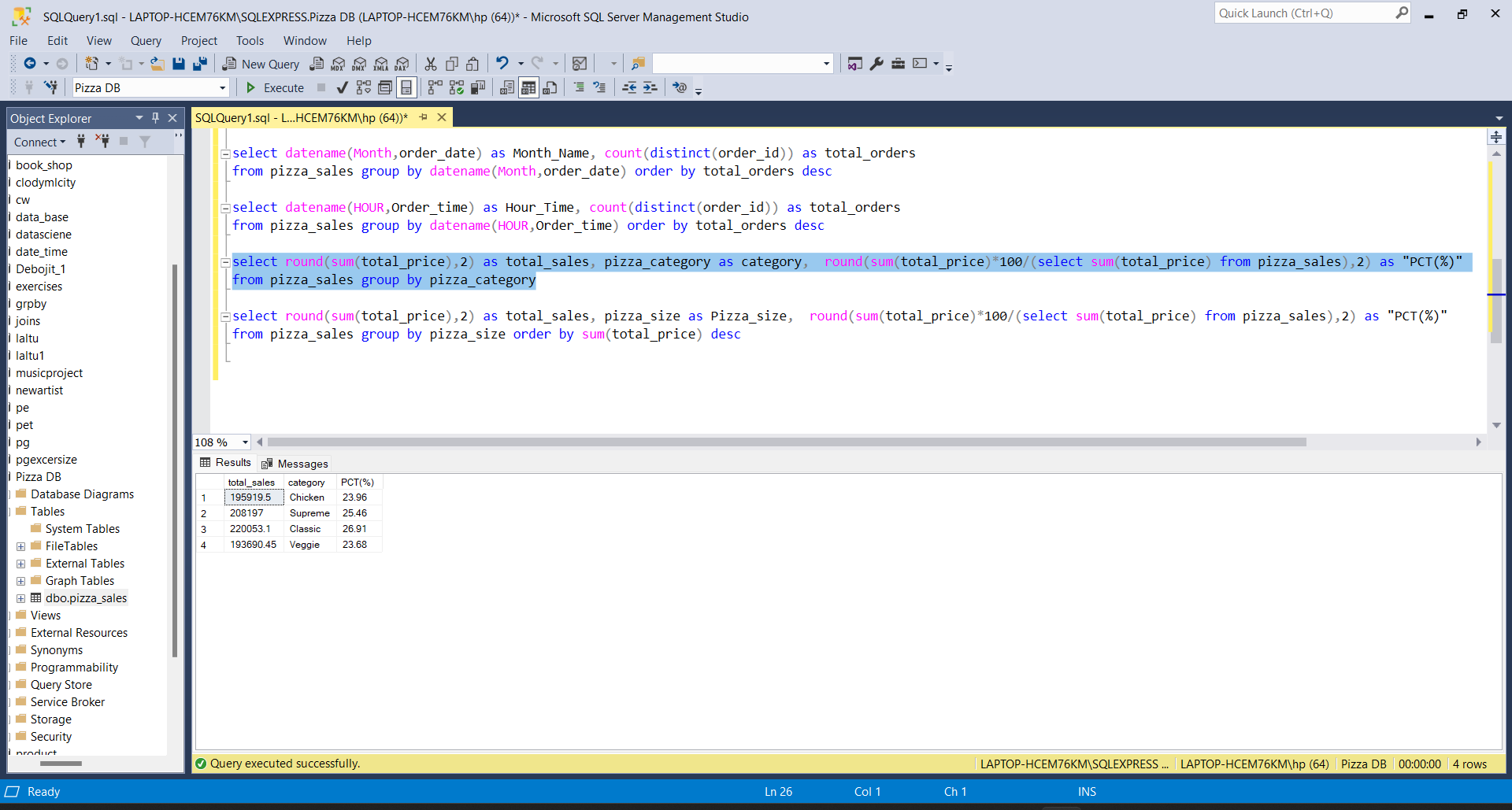


**3. Percentage of sales by pizza category**

Create a pie chart that shows the distribution of sales across different pizza categories. This chart will provide insights into the popularity of various pizza categories and their contribution to overall sales.

select round(sum(total\_price),2) as total\_sales, pizza\_category as category, round(sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales),2) as "PCT(%)"

from pizza\_sales group by pizza\_category

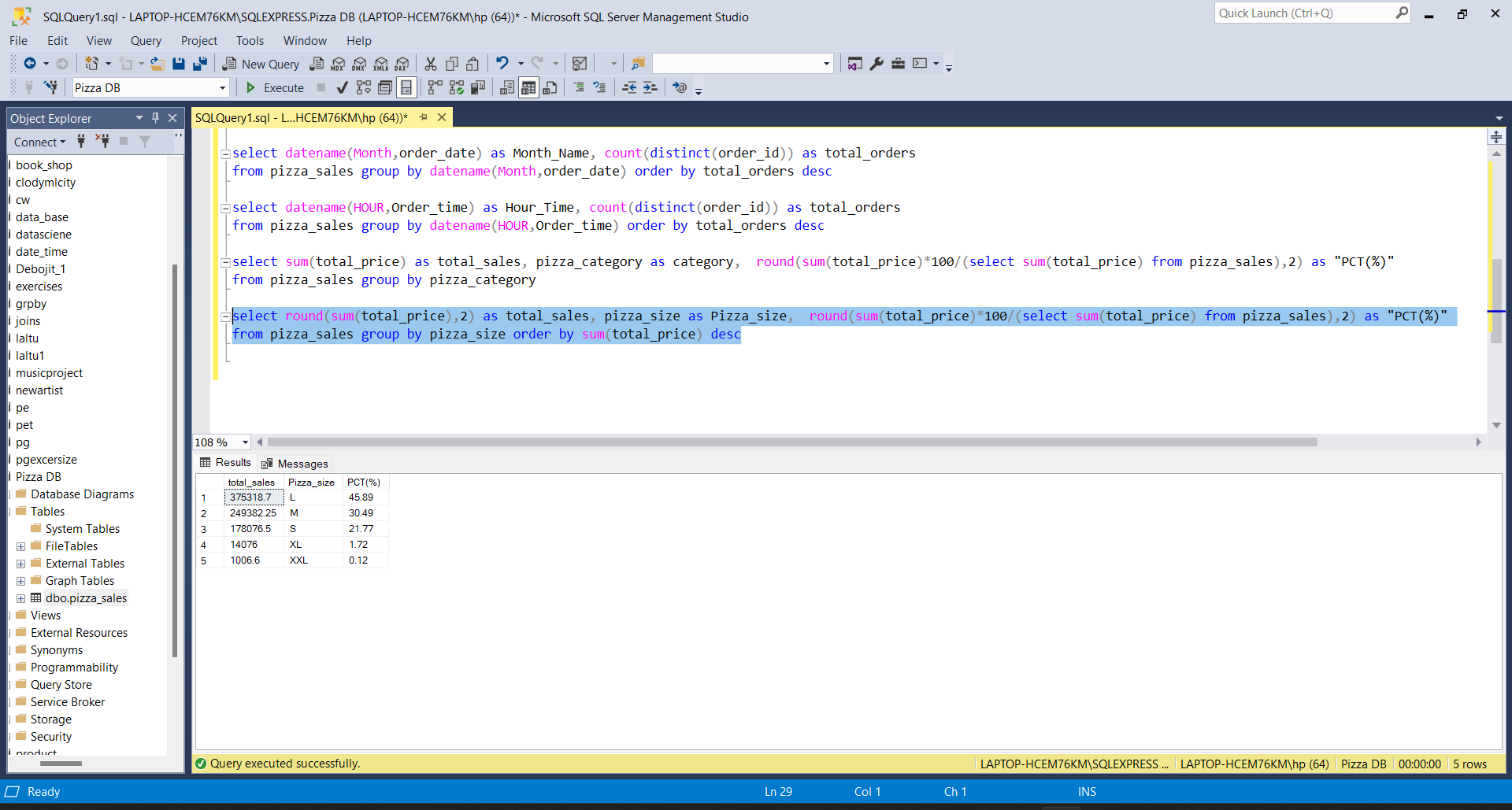


**4. Percentage of sales by pizza Size**

Create a pie chart that shows the distribution of sales across different pizza Size. This chart will provide insights into the popularity of various pizza Sizes and their contribution to overall sales.

select round(sum(total\_price),2) as total\_sales, pizza\_size as Pizza\_size, round(sum(total\_price)\*100/(select sum(total\_price) from pizza\_sales),2) as "PCT(%)"

from pizza\_sales group by pizza\_size order by sum(total\_price) desc



**5. Total Pizza sold by Pizza Category**

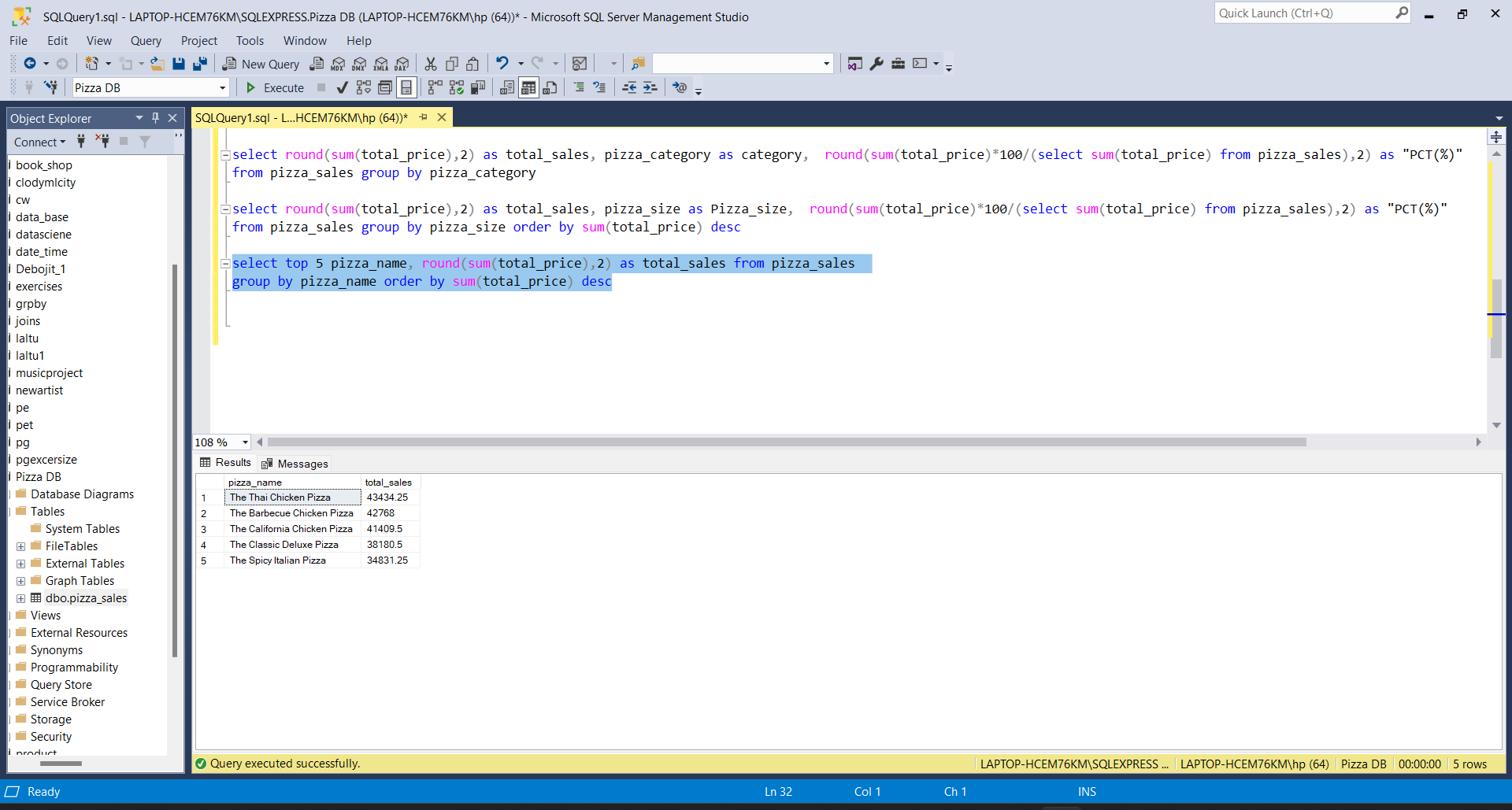
Create a funnel chart that presents the total number of pizzas sold for each pizza category. This chart will allow us to compare the sales performance of different pizza categories.

**6.Top 5 Best Seller by Revenue, Total quanity and total orders**

Create a Bar chart highlighting the top 5 best selling pizzas based on the revenue, total quantity and total orders. This chart will help us to indentify the most popular pizza options.

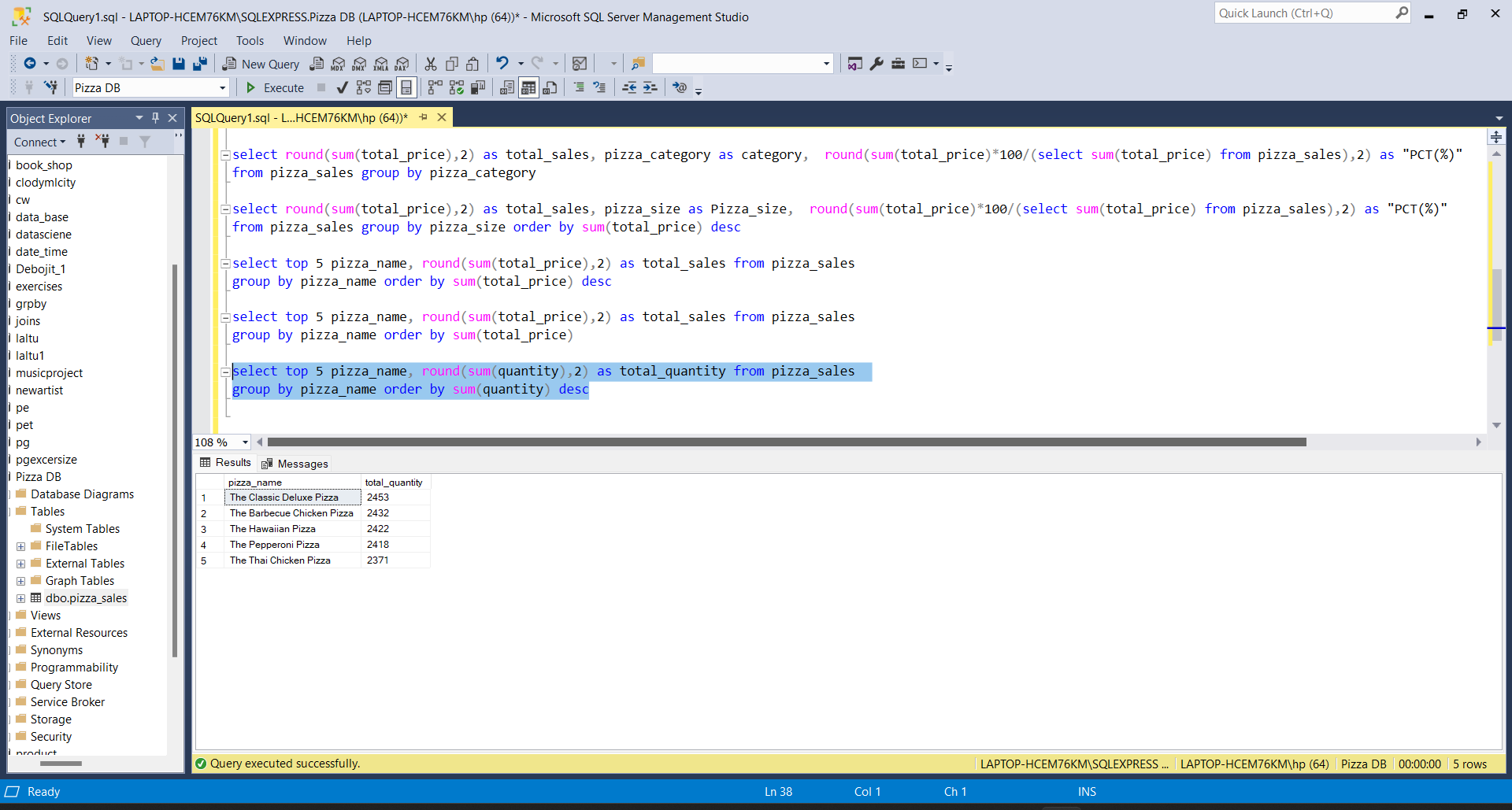
select top 5 pizza\_name, round(sum(total\_price),2) as total\_sales from pizza\_sales

group by pizza\_name order by sum(total\_price) desc



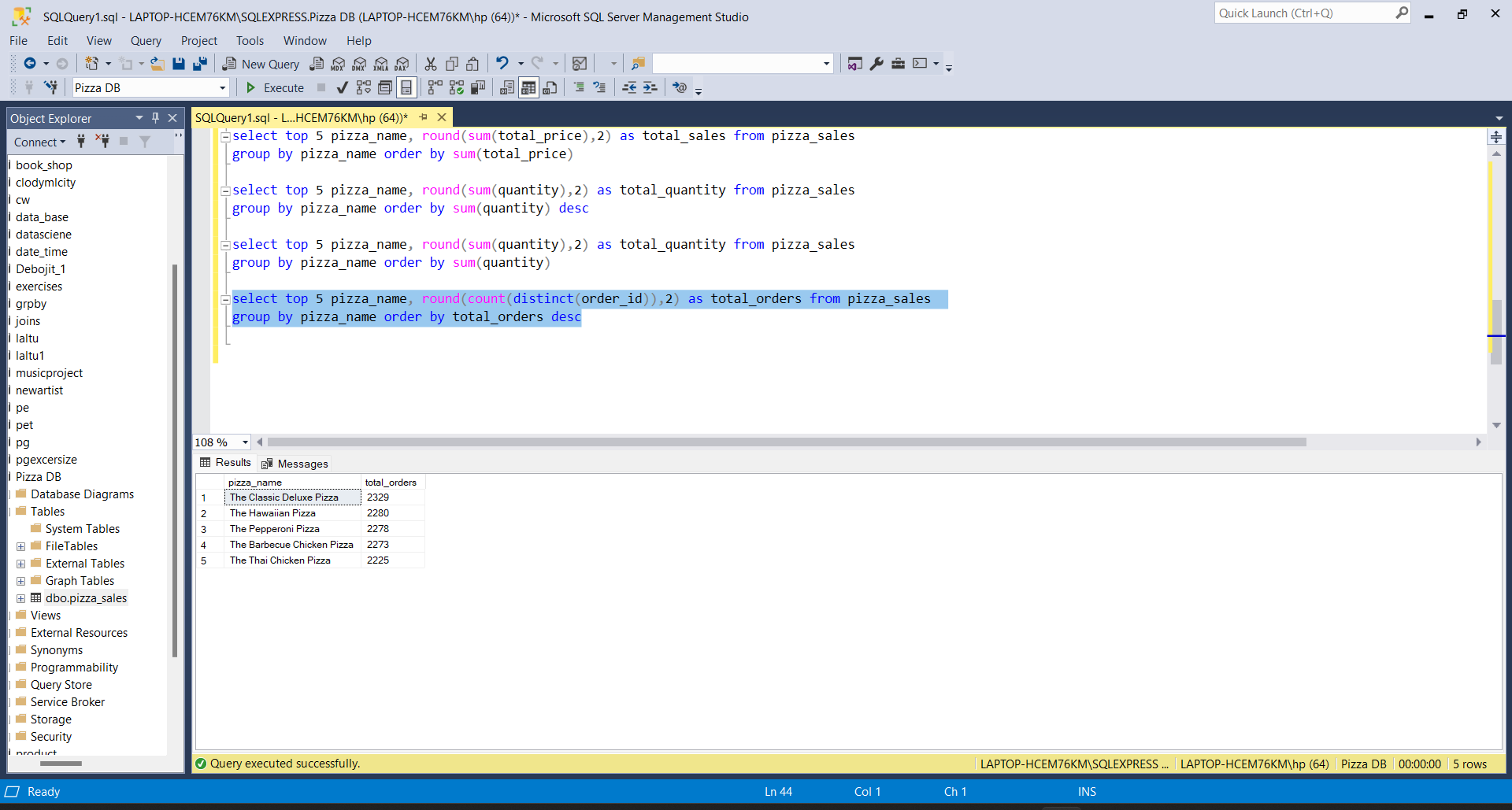
select top 5 pizza\_name, round(sum(quantity),2) as total\_quantity from pizza\_sales

group by pizza\_name order by sum(quantity) desc



select top 5 pizza\_name, round(count(distinct(order\_id)),2) as total\_orders from pizza\_sales

group by pizza\_name order by total\_orders desc

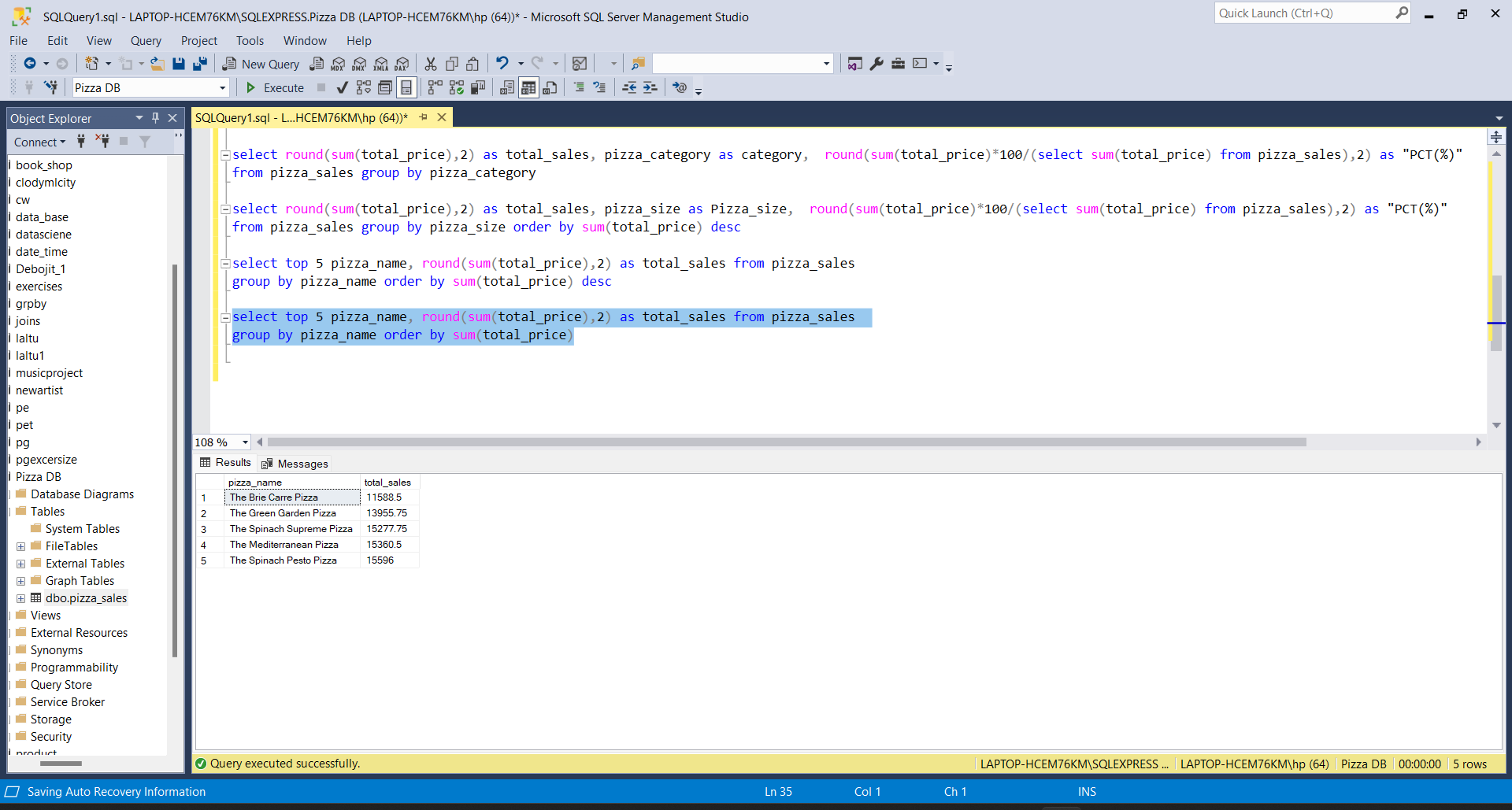


**7.Bottom 5 Best Sellers by Revenue, Total Quantity and Total Orders**

Create a bar chart showcasing the bottom 5 worst-selling pizzas based on the revenue, total quantity, total orders.

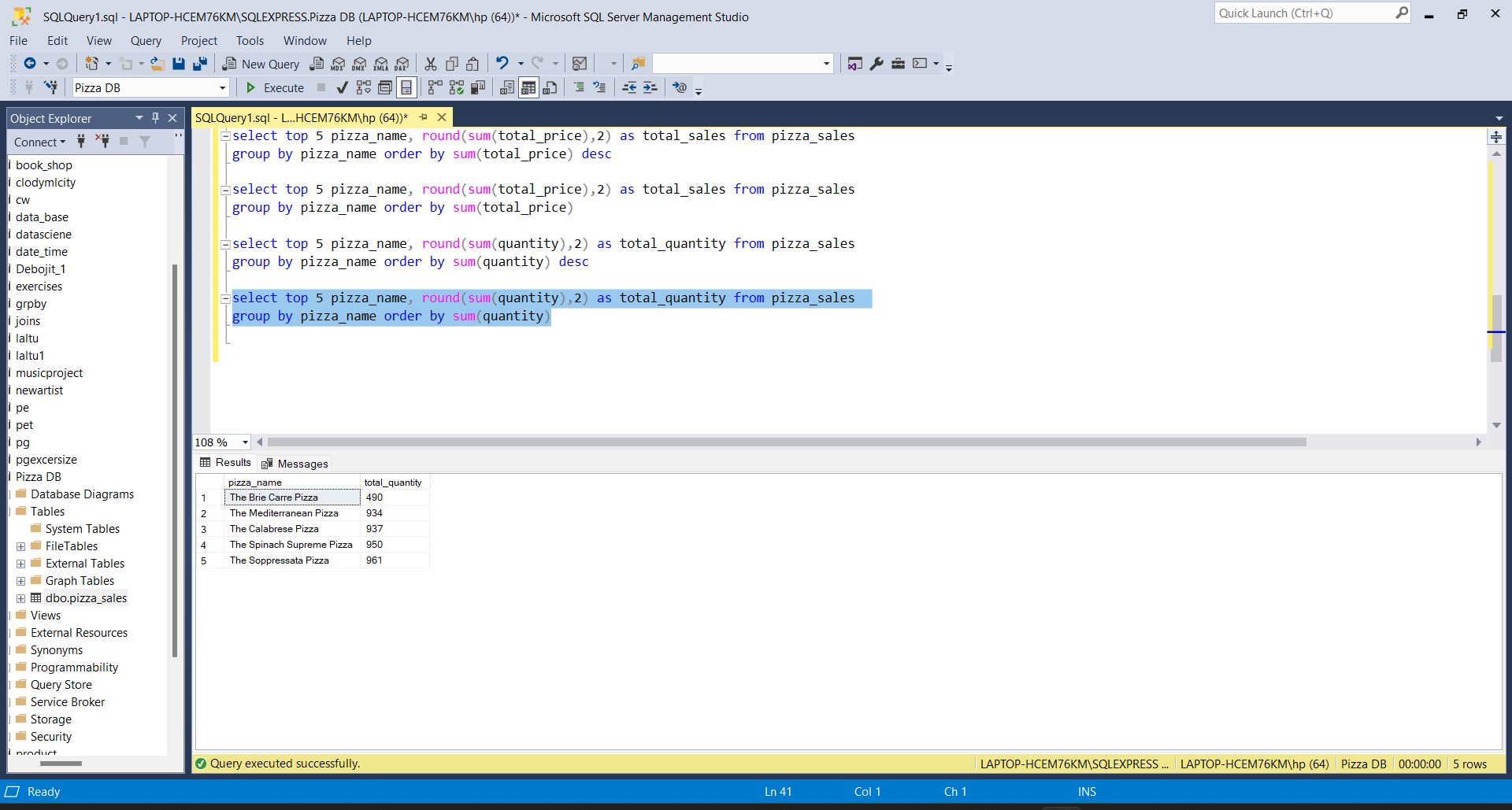
select top 5 pizza\_name, round(sum(total\_price),2) as total\_sales from pizza\_sales

group by pizza\_name order by sum(total\_price)



select top 5 pizza\_name, round(sum(quantity),2) as total\_quantity from pizza\_sales

group by pizza\_name order by sum(quantity)



select top 5 pizza\_name, round(count(distinct(order\_id)),2) as total\_orders from pizza\_sales

group by pizza\_name order by total\_orders

