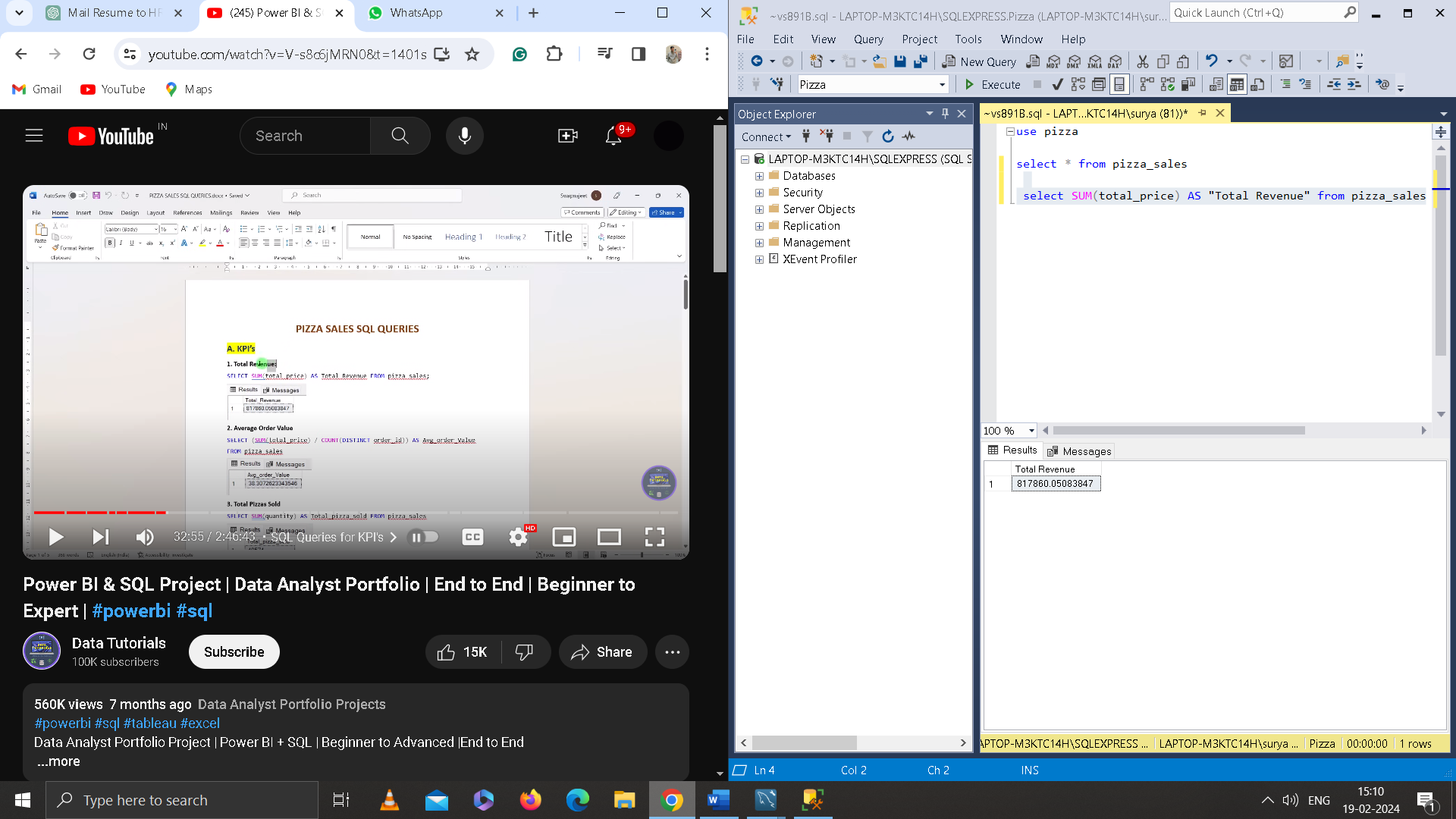
**Pizza Sale SQL Queries**

**KPI’s (Key Performance Indicator)**

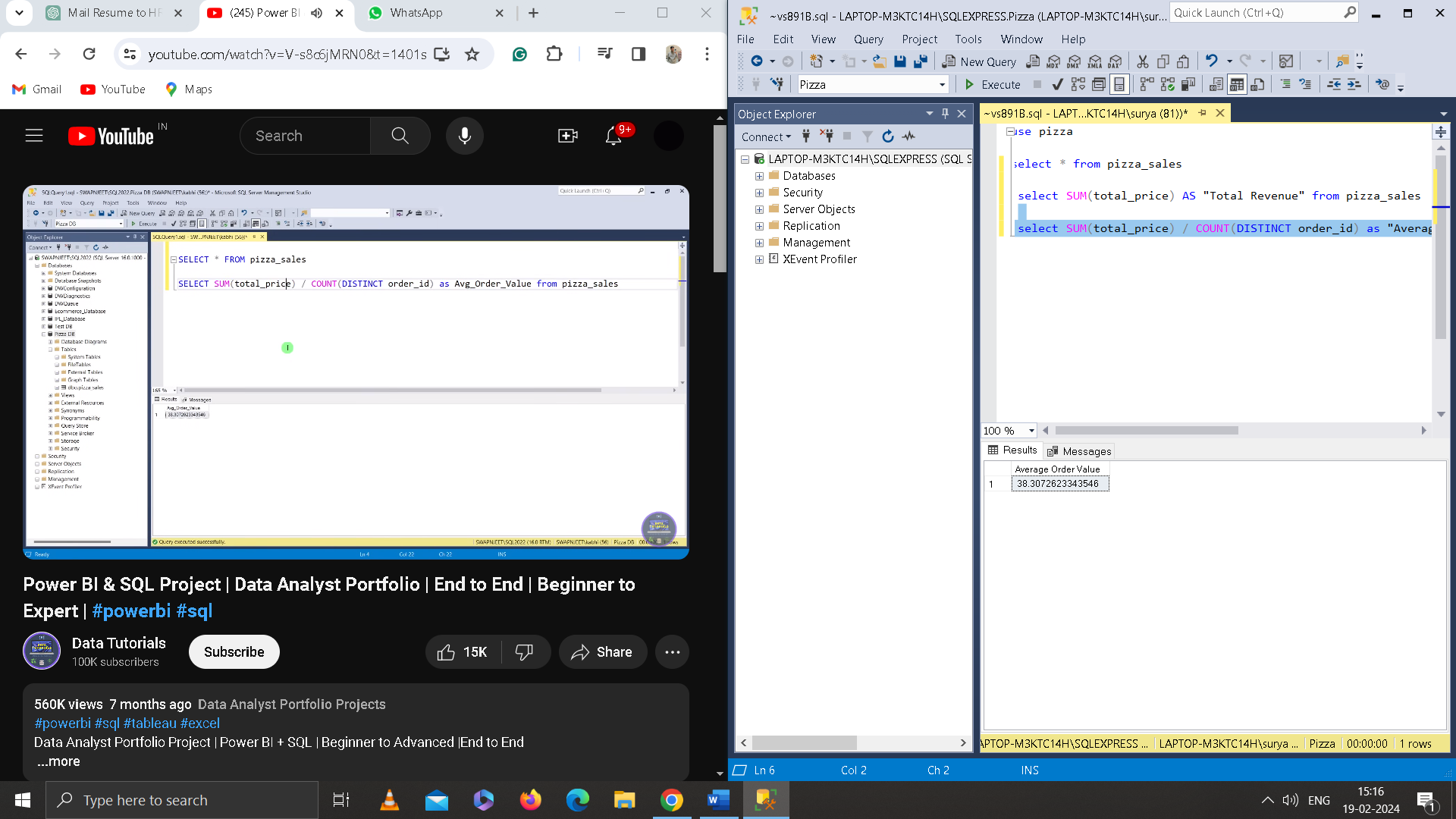
1. Total Revenues: -

select SUM(total\_price) AS "Total Revenue" from pizza\_sales



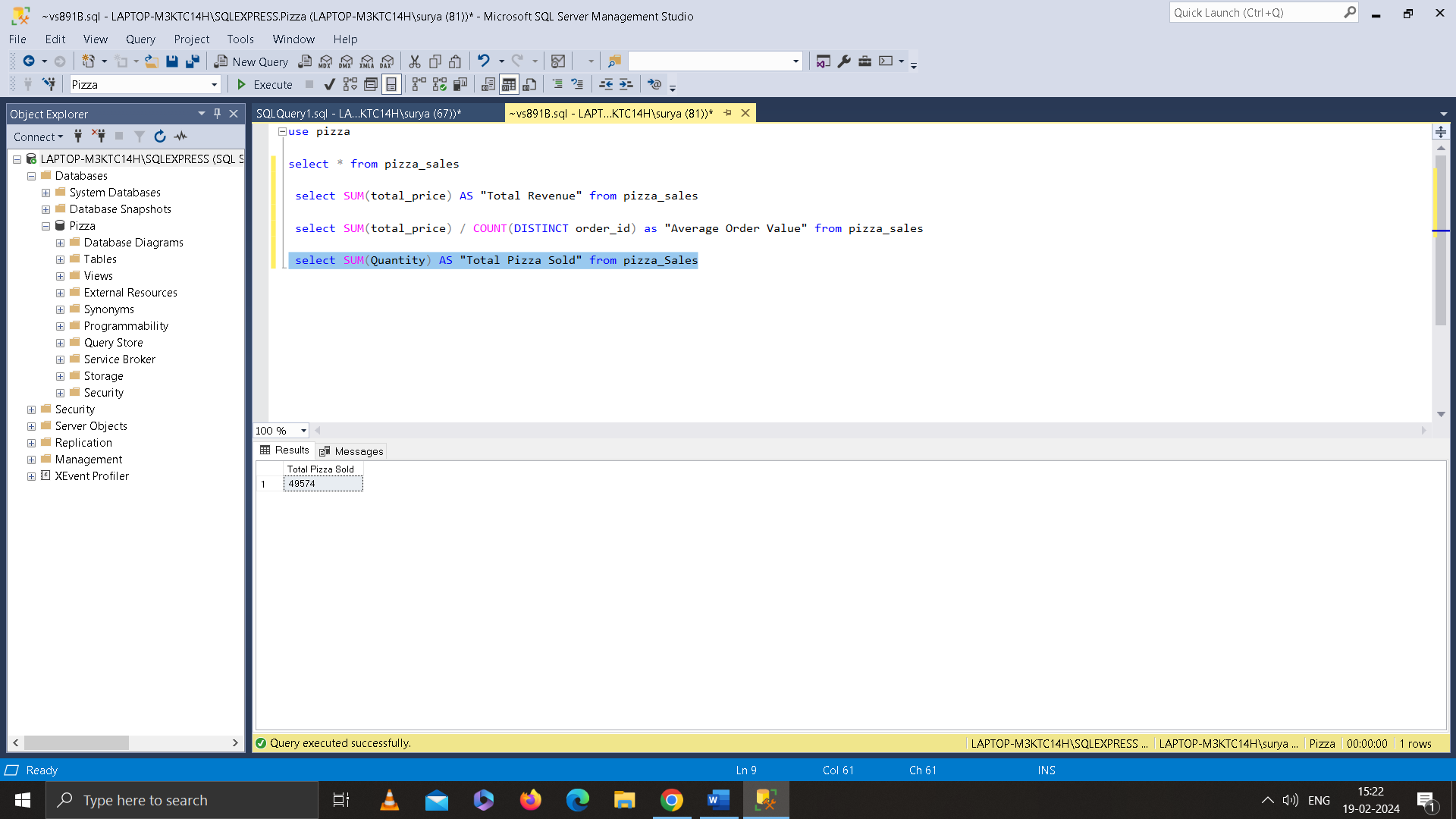
1. Average Order Value: -

select SUM(total\_price) / COUNT(DISTINCT order\_id) as "Average Order Value" from pizza\_sales



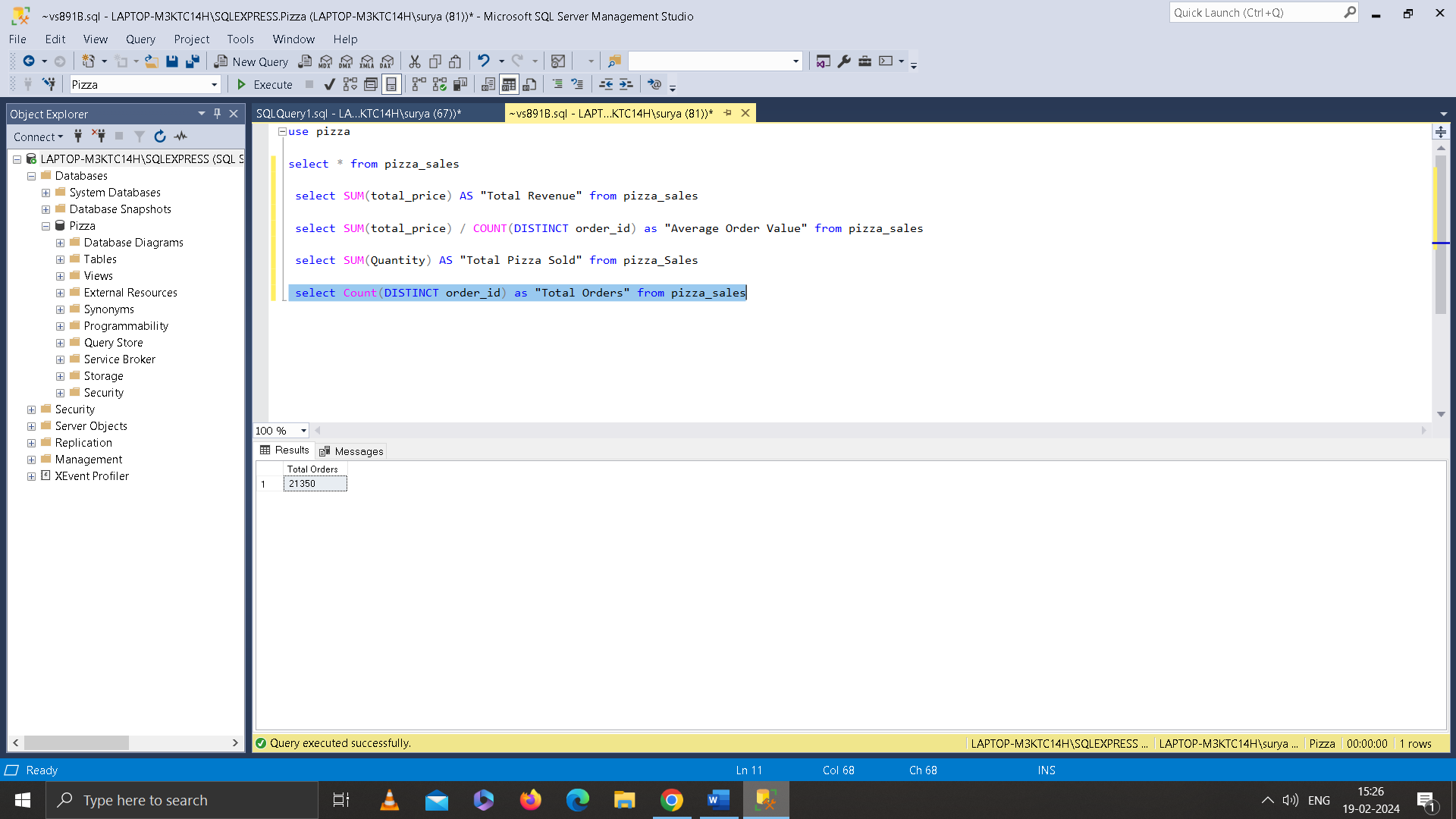
1. Total Pizza Sold: -

select SUM(Quantity) AS "Total Pizza Sold" from pizza\_Sales



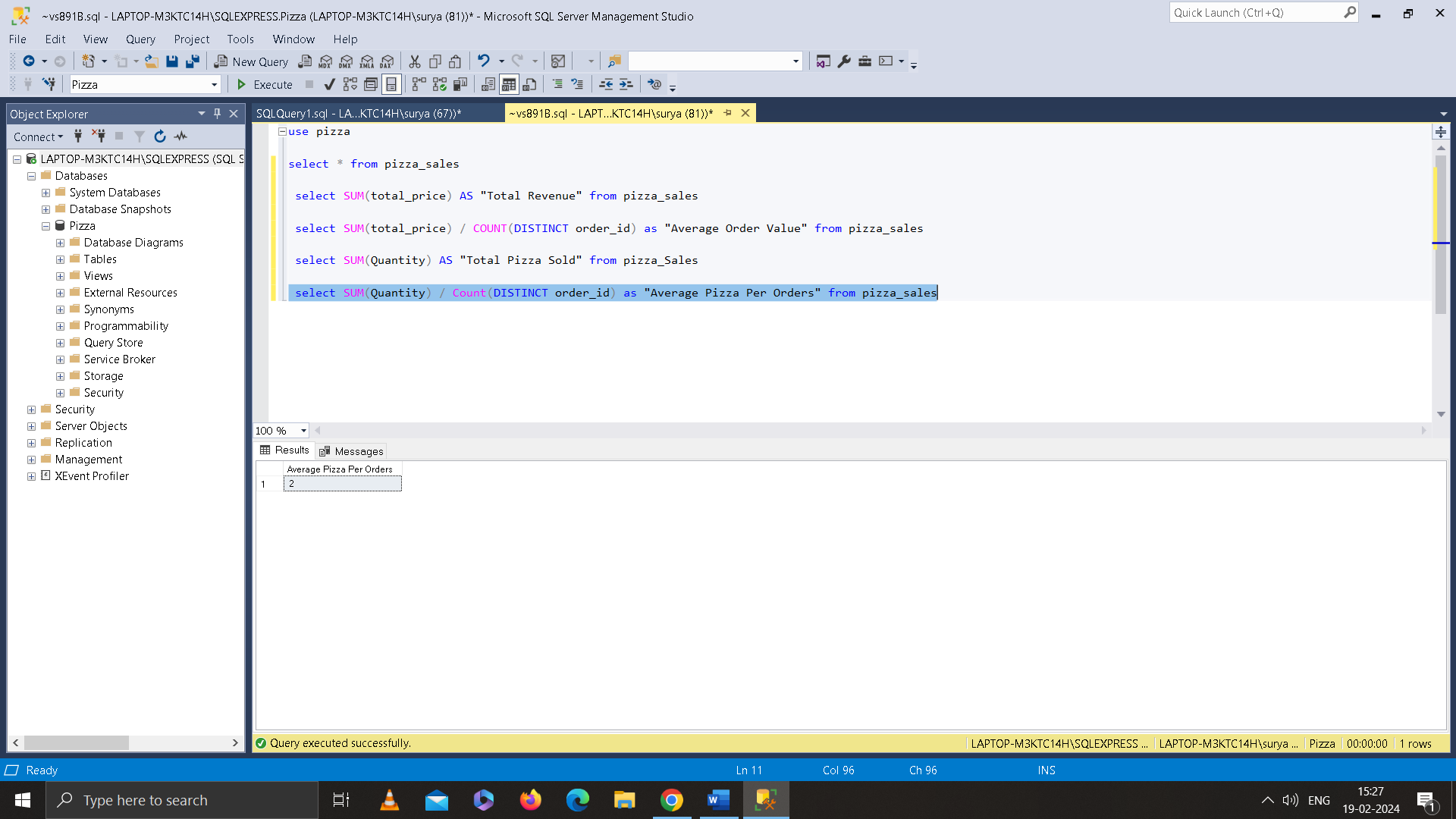
1. Total Orders: -

select Count(DISTINCT order\_id) as "Total Orders" from pizza\_sales



1. Average Pizzas Per Order: -

select SUM(Quantity) / Count(DISTINCT order\_id) as "Average Pizza Per Orders" from pizza\_sales



1. To Get the Value is Decimal use CAST() Function.

select CAST(CAST(SUM(Quantity) AS Decimal(10,2)) / CAST(Count(DISTINCT order\_id) AS DECIMAL (10,2)) AS DECIMAL (10,2)) as "Average Pizza Per Orders" from pizza\_sales

select CAST(SUM(Quantity) AS Decimal(10,2)) / CAST(Count(DISTINCT order\_id) AS DECIMAL (10,2)) as "Average Pizza Per Orders" from pizza\_sales

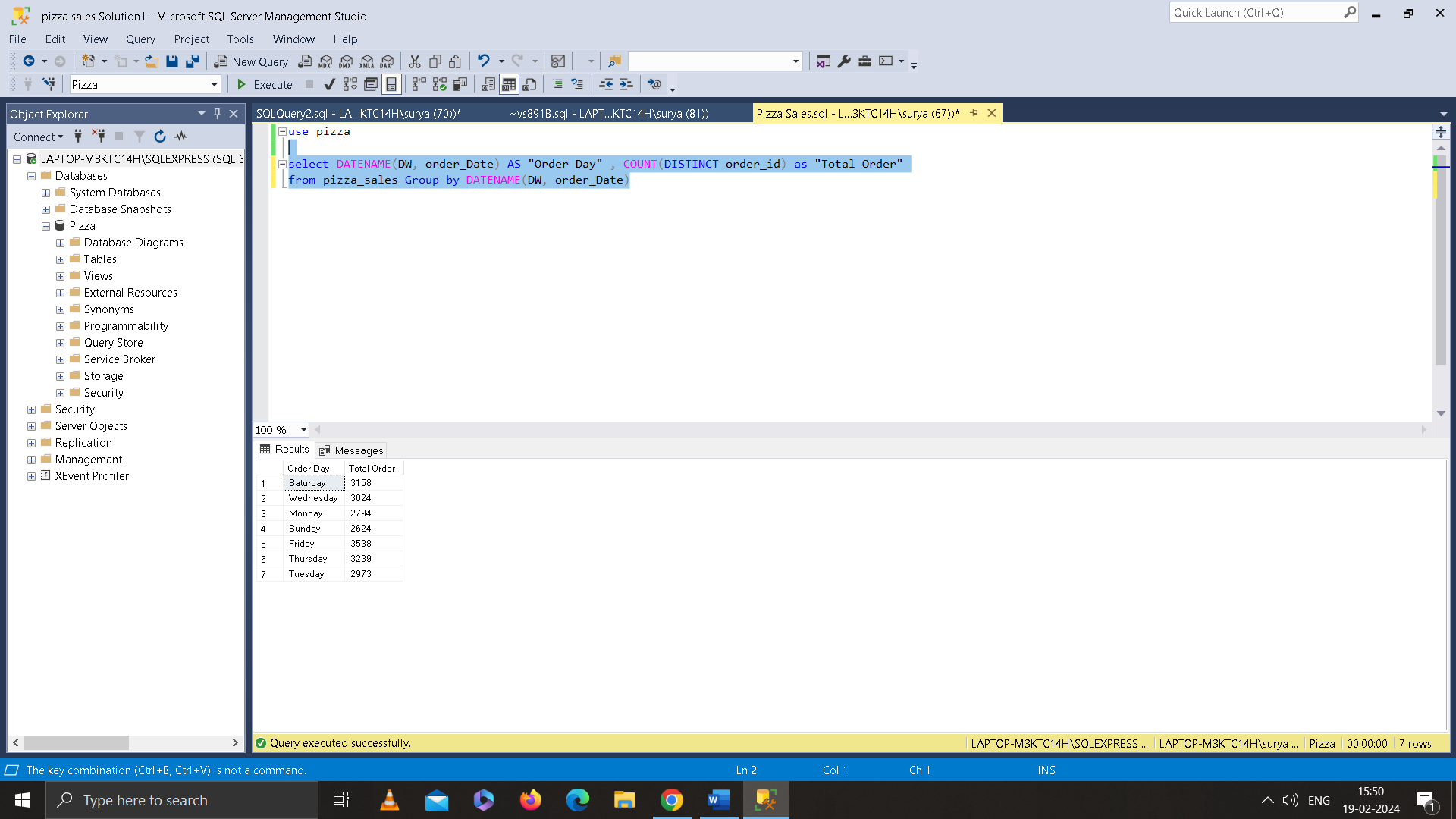
The Cast the SQL CAST function converts the data type of an expression to the specified data type.

**Problem Statement**

Chart Requirements: -

1. Daily Trends For Total Order: -

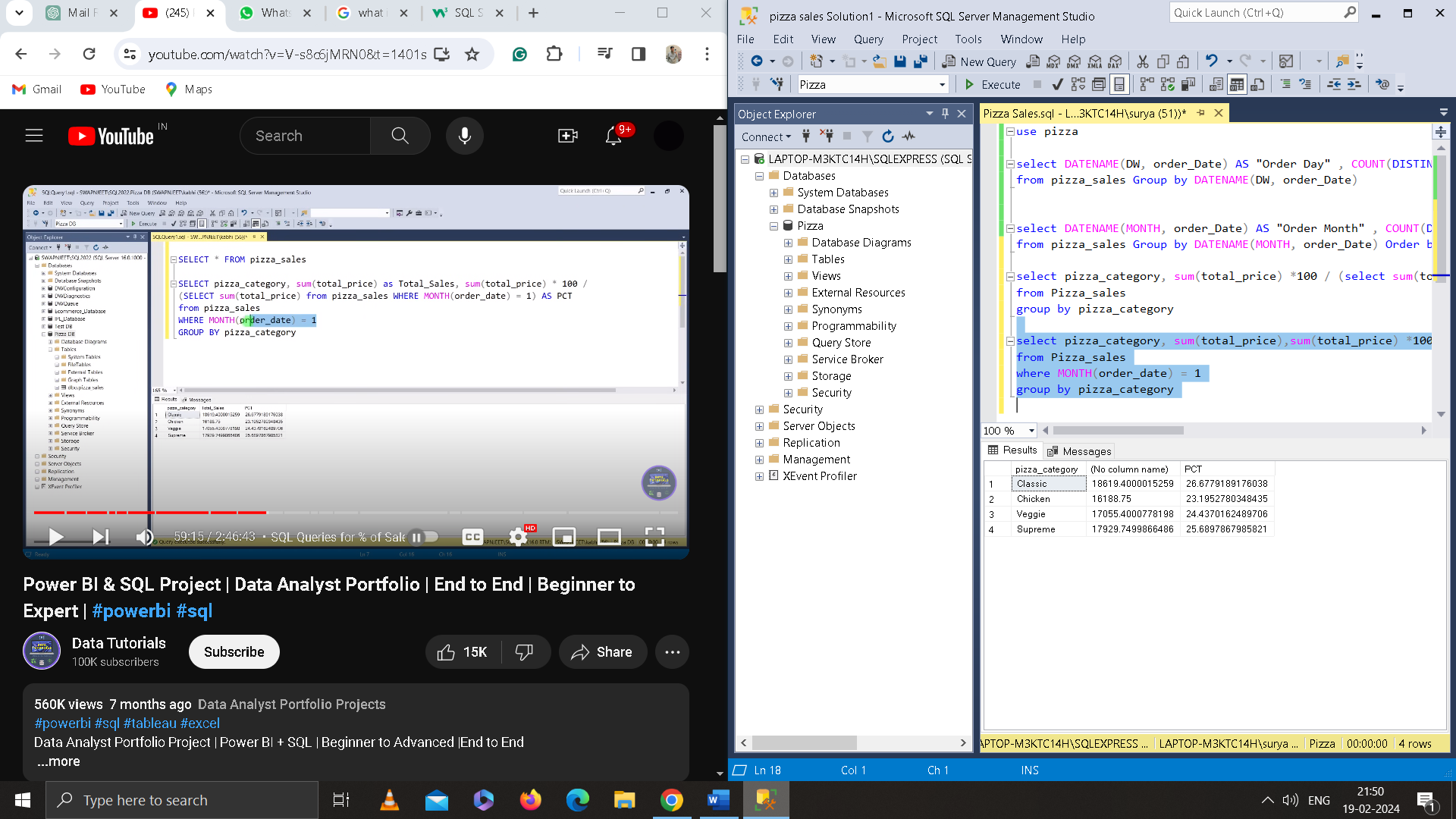
select DATENAME(DW, order\_Date) AS "Order Day" , COUNT(DISTINCT order\_id) as "Total Order" from pizza\_sales Group by DATENAME(DW, order\_Date)



1. Hourly Trend for Total Orders: -
2. Percentage of Sales by Pizza category: -

select pizza\_category, sum(total\_price),sum(total\_price) \*100 / (select sum(total\_price) from pizza\_sales where MONTH(order\_date) = 1) as PCT

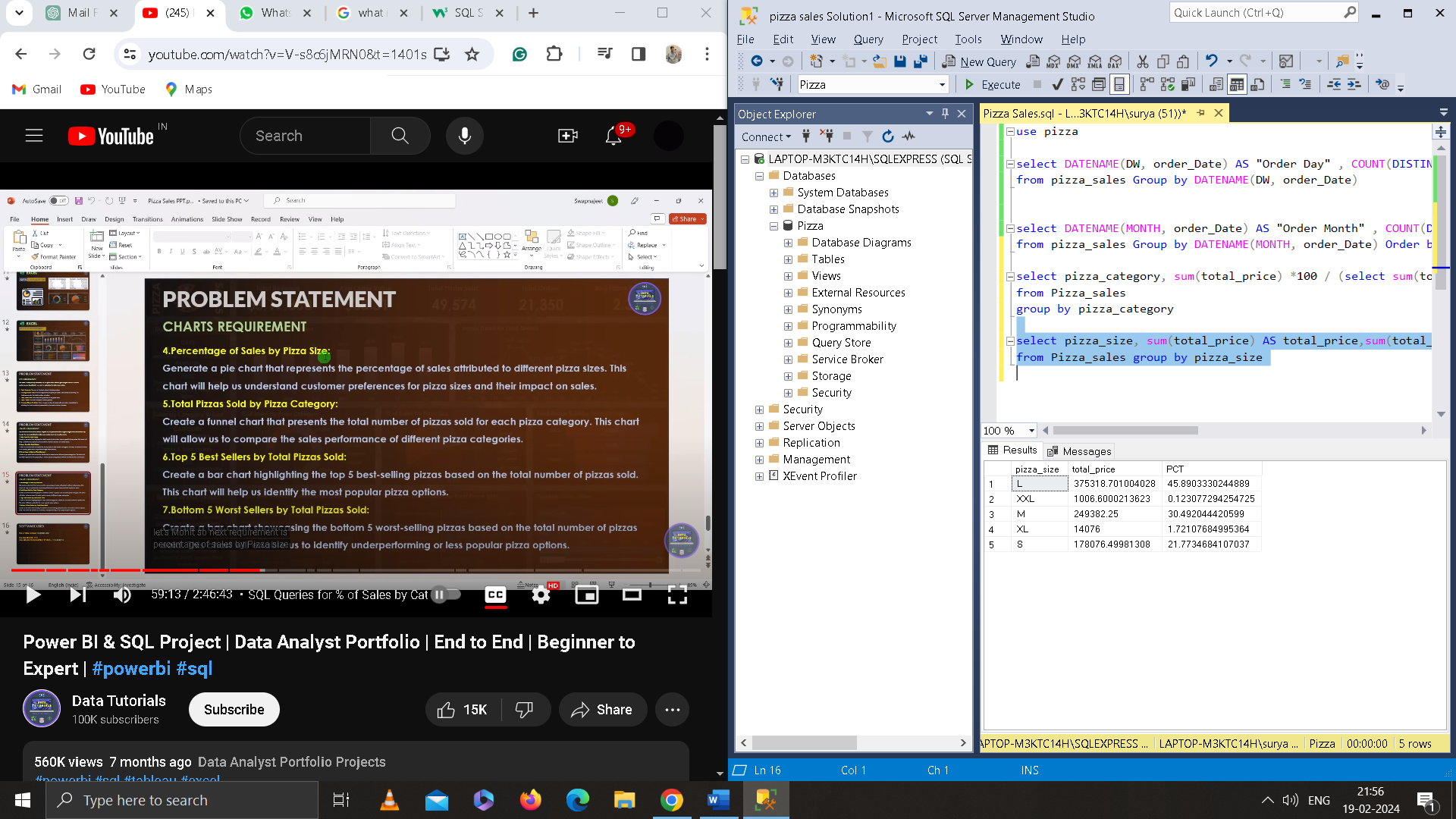
from Pizza\_sales where MONTH(order\_date) = 1 group by pizza\_category



1. Percentage of Sales by Pizza Size: -

select pizza\_size, sum(total\_price) AS total\_price,sum(total\_price) \*100 (select sum(total\_price) from pizza\_sales) as PCT

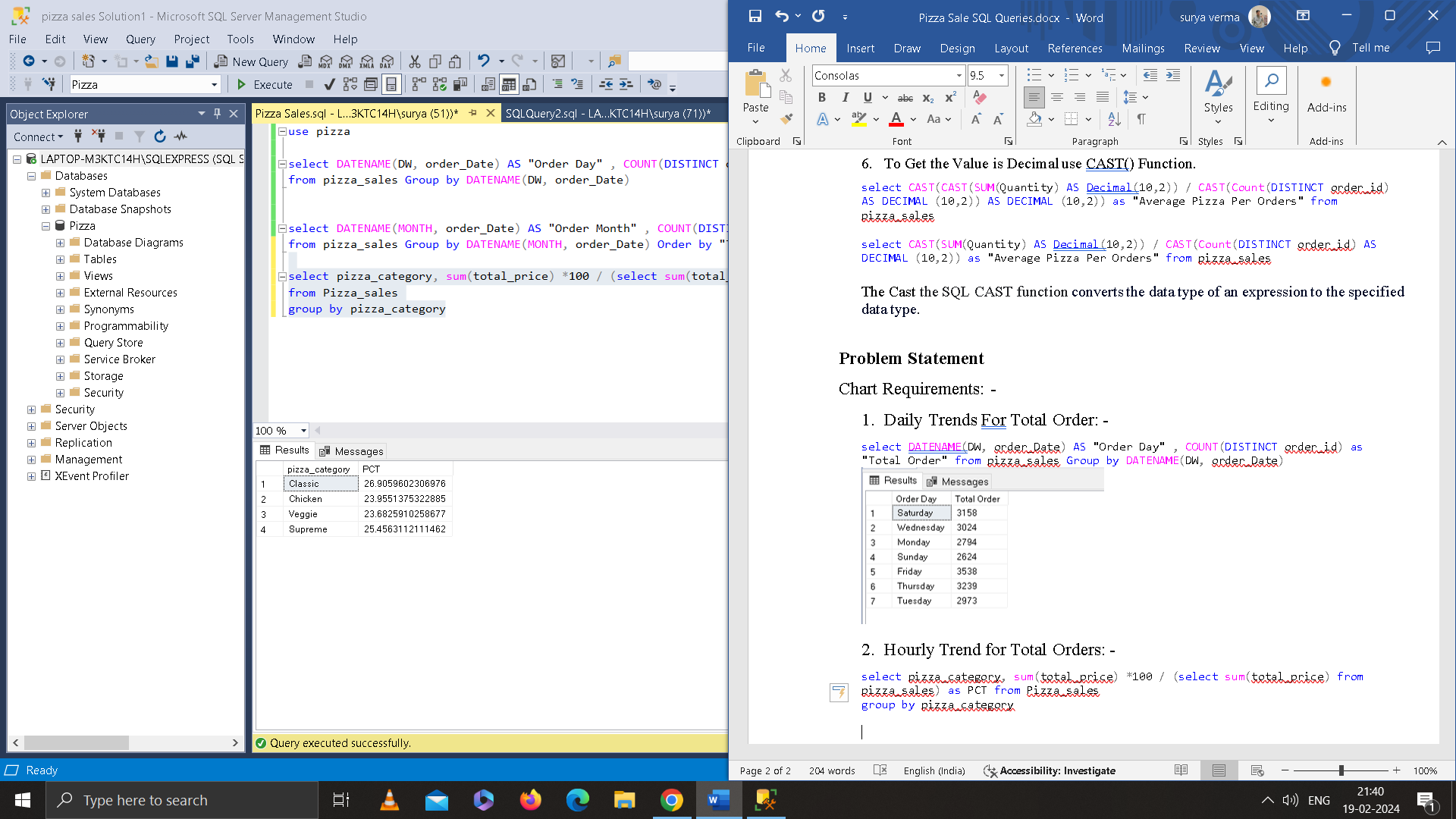
from Pizza\_sales group by pizza\_size



1. Total pizza sold by Pizza Category: -

select pizza\_category, sum(total\_price) \*100 / (select sum(total\_price) from pizza\_sales) as PCT from Pizza\_sales

group by pizza\_category

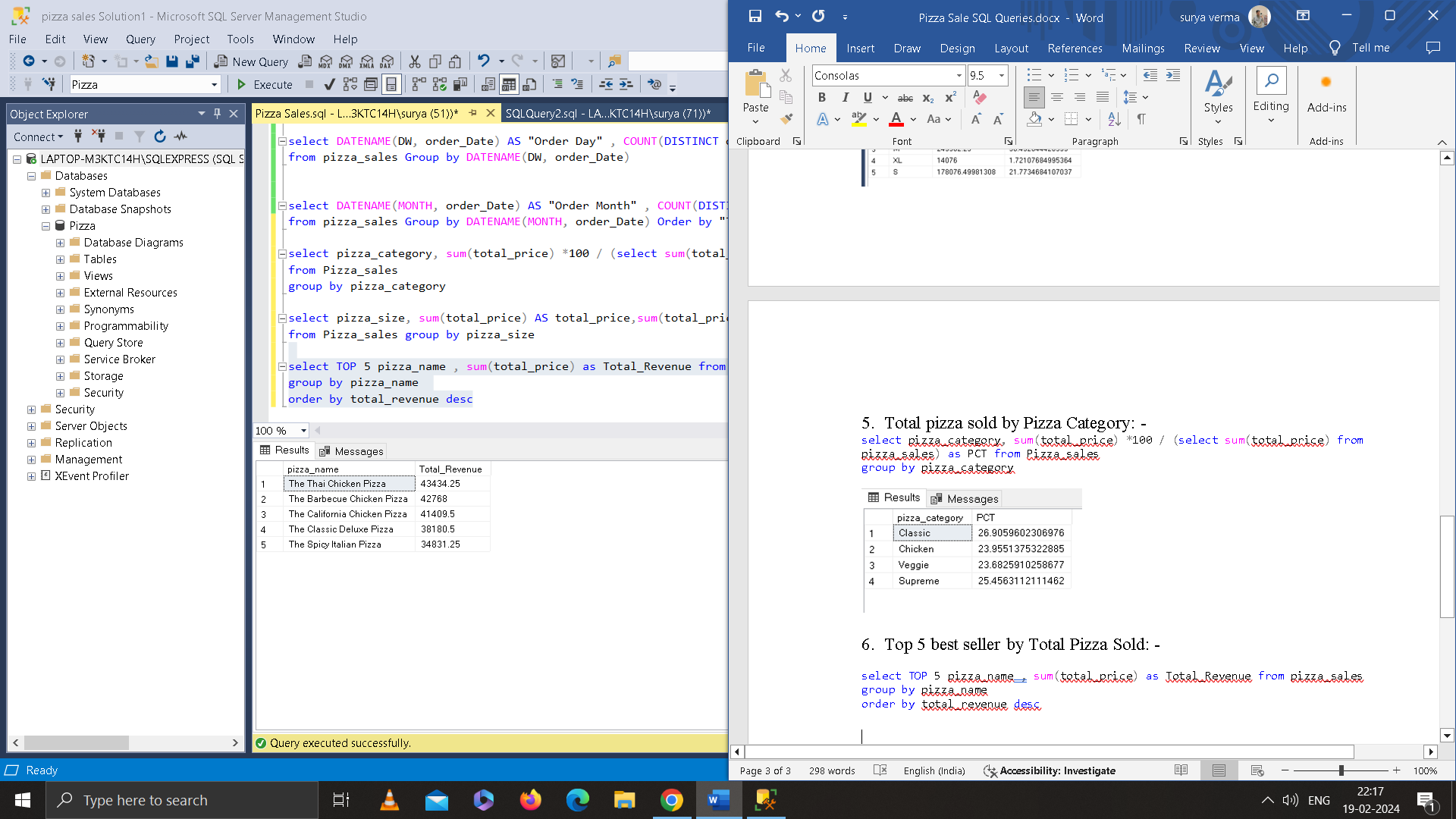


1. Top 5 best seller by Total Pizza Sold: -

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 Worst Sellers by Total Pizzas Sold: -

select TOP 5 pizza\_name , sum(total\_price) as Total\_Revenue from pizza\_sales

group by pizza\_name

order by total\_revenue asc

