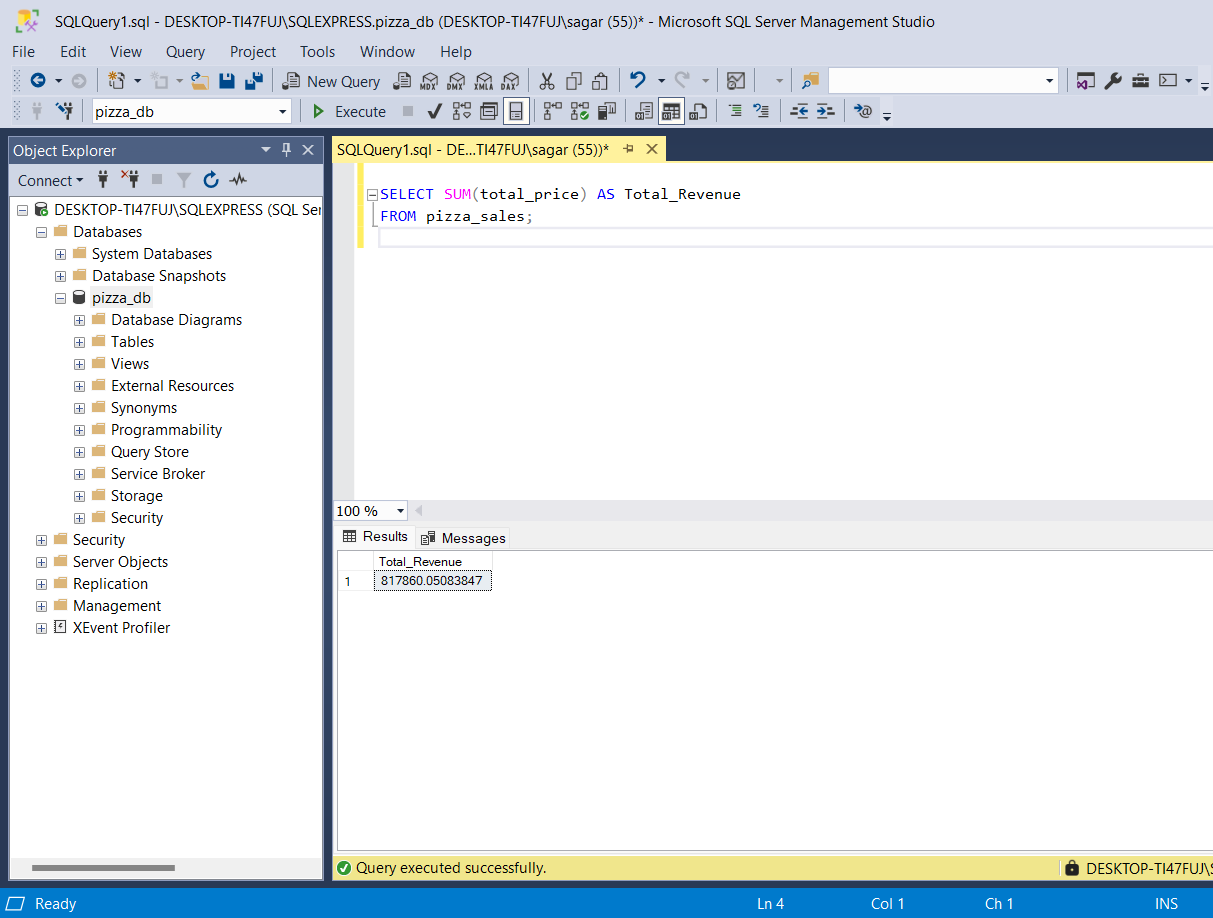
**PIZZA SALES SQL QUERY**

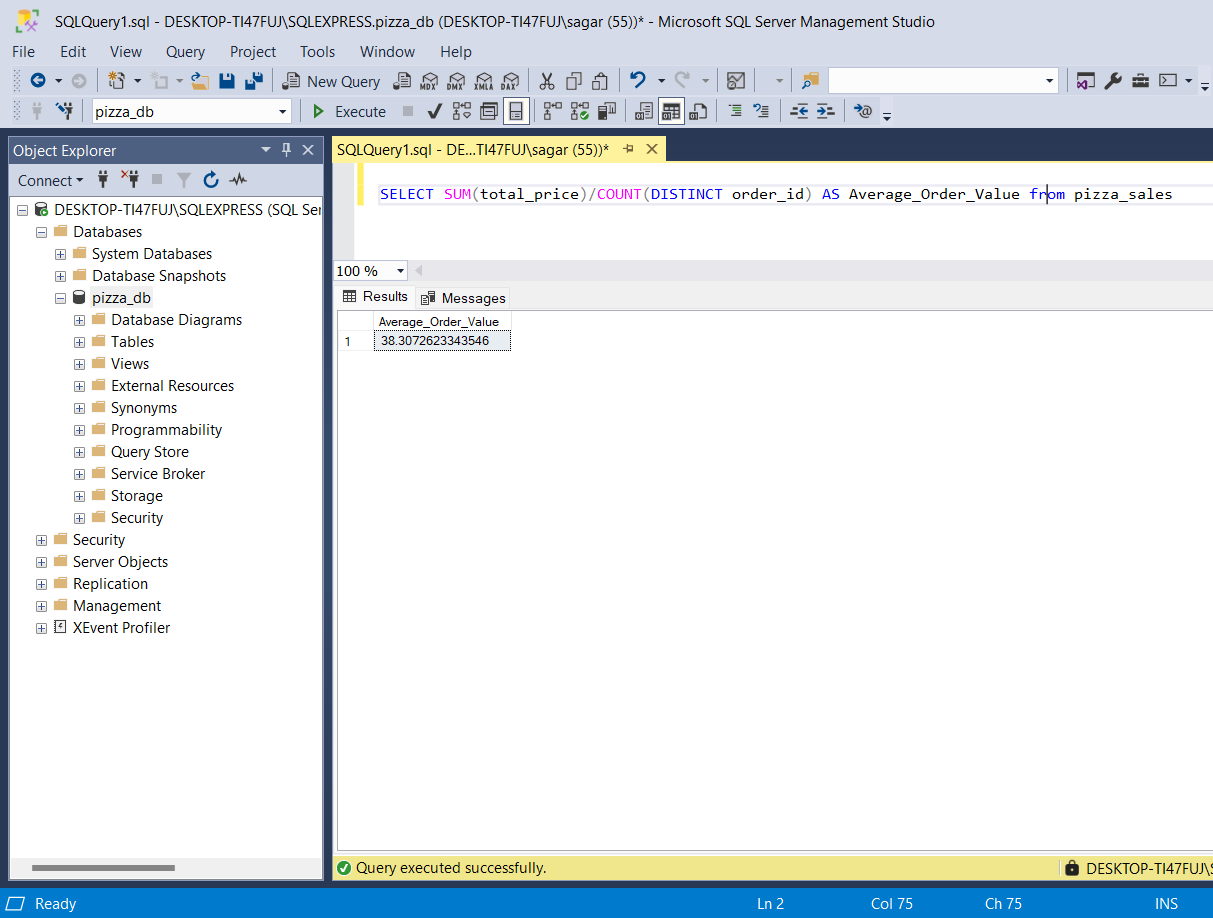
1. **KPI’’s**

1. **Total Revenue:**

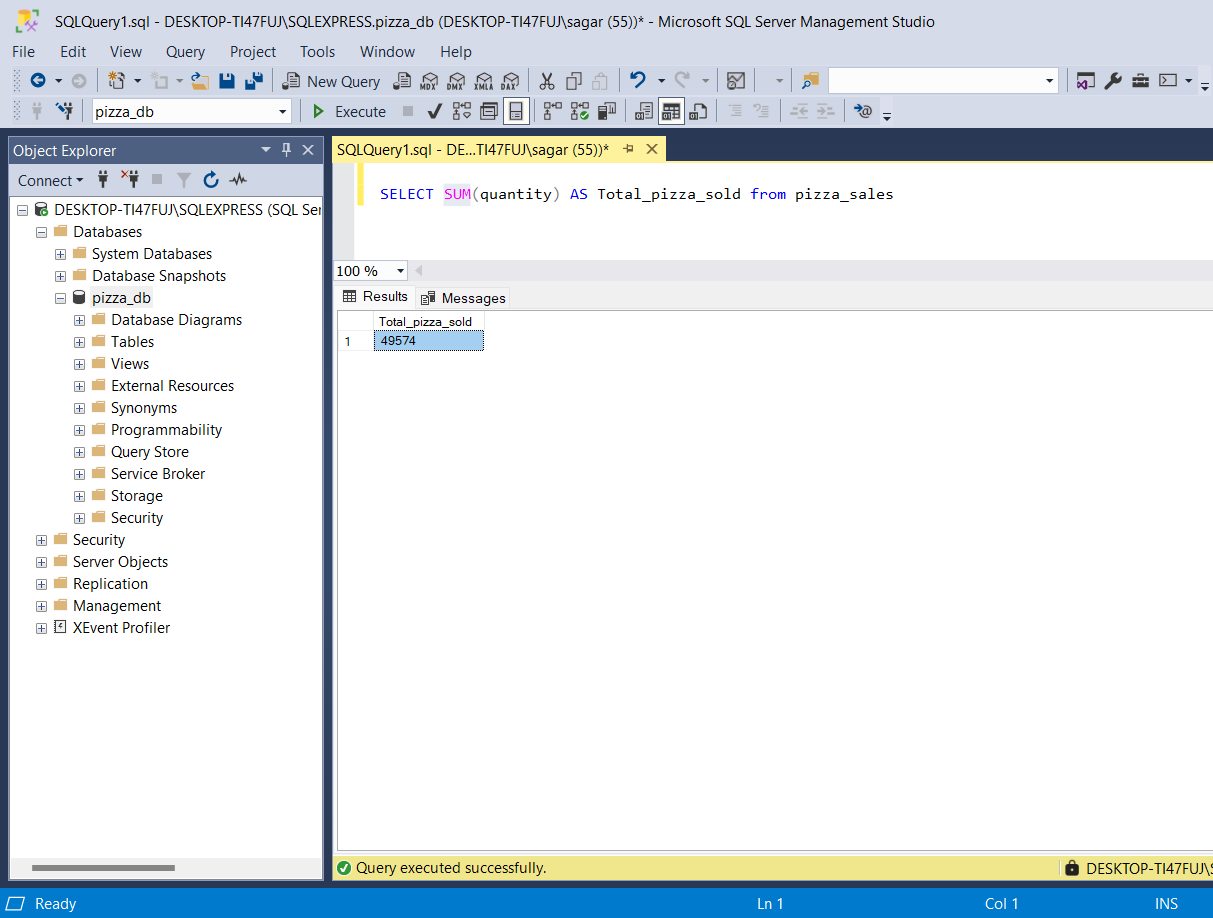
SELECT SUM(total\_price) AS total\_revenue FROM pizza\_sales;



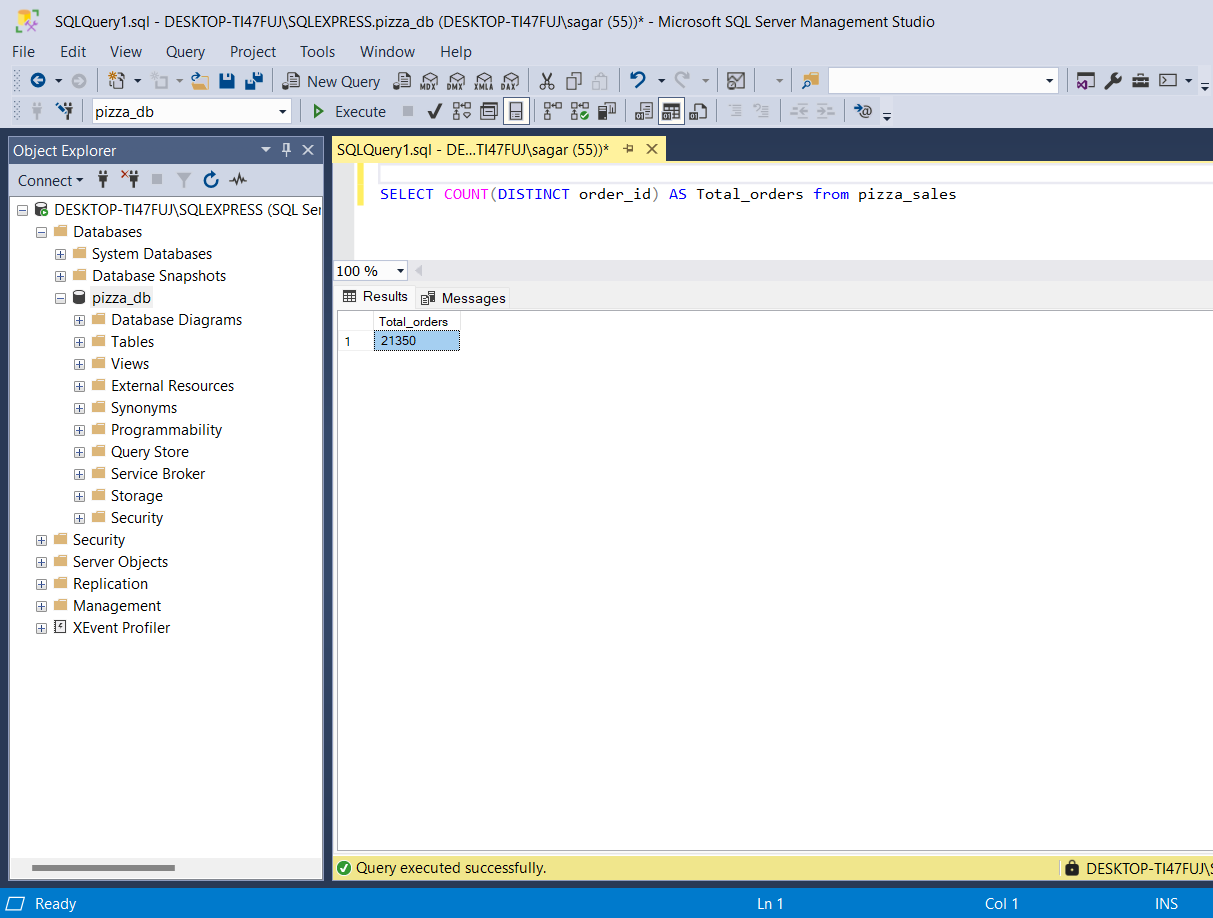
2) **Average Order Value**



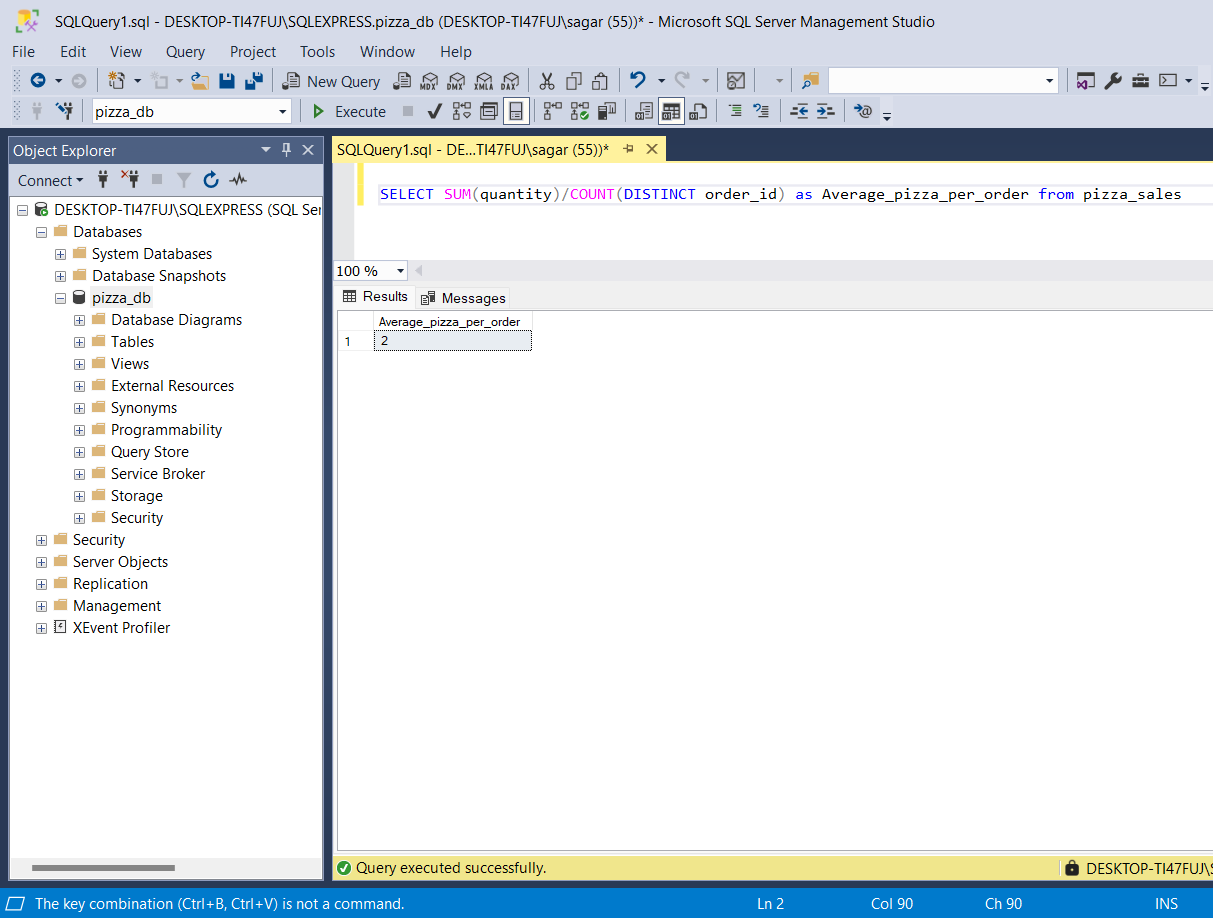
iii. **Total Pizzas Sold**



**iv. Total Orders**



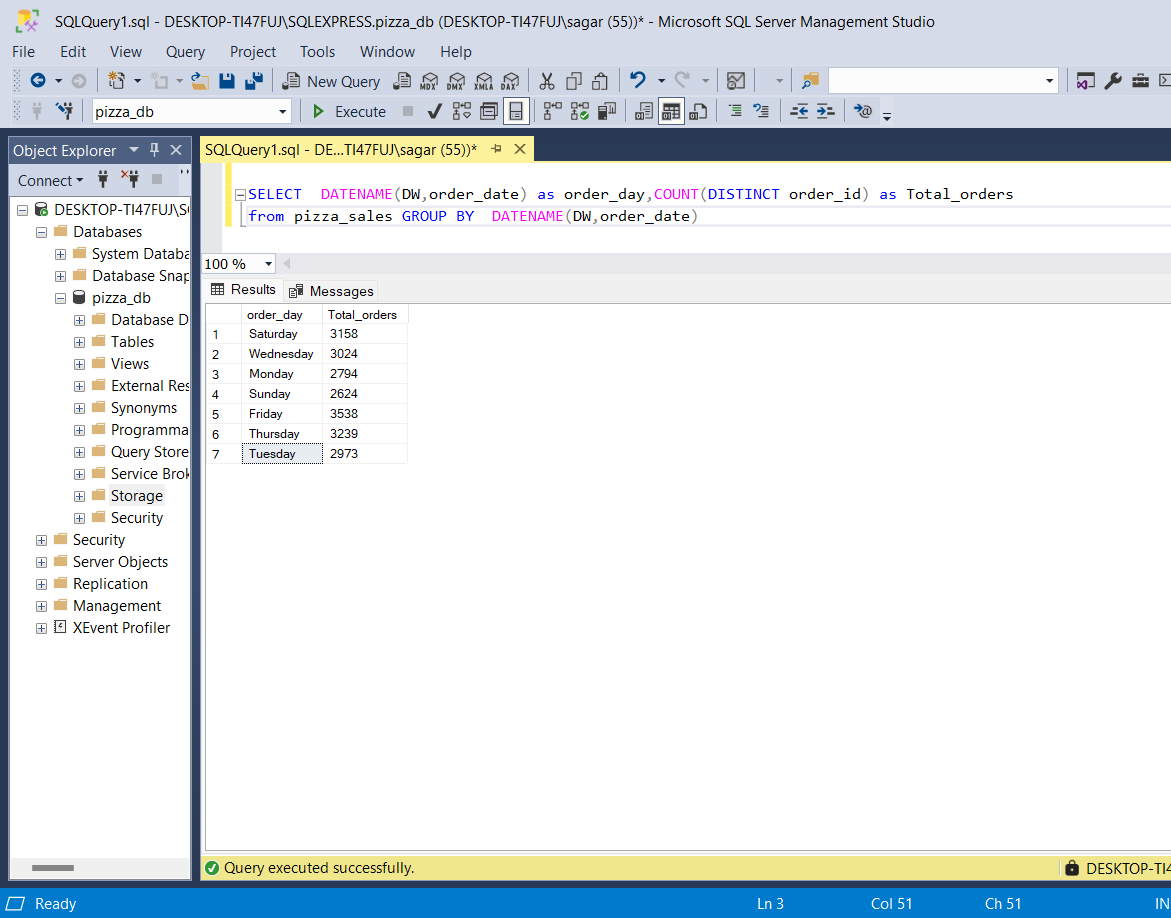
**v. Average Pizzas Per Order:**



**CHARTS**

**i) Number of orders per day (Daily Trends)**

kis weekday pe sabse jyada order hota h. (i,e. peak day kon sa h)



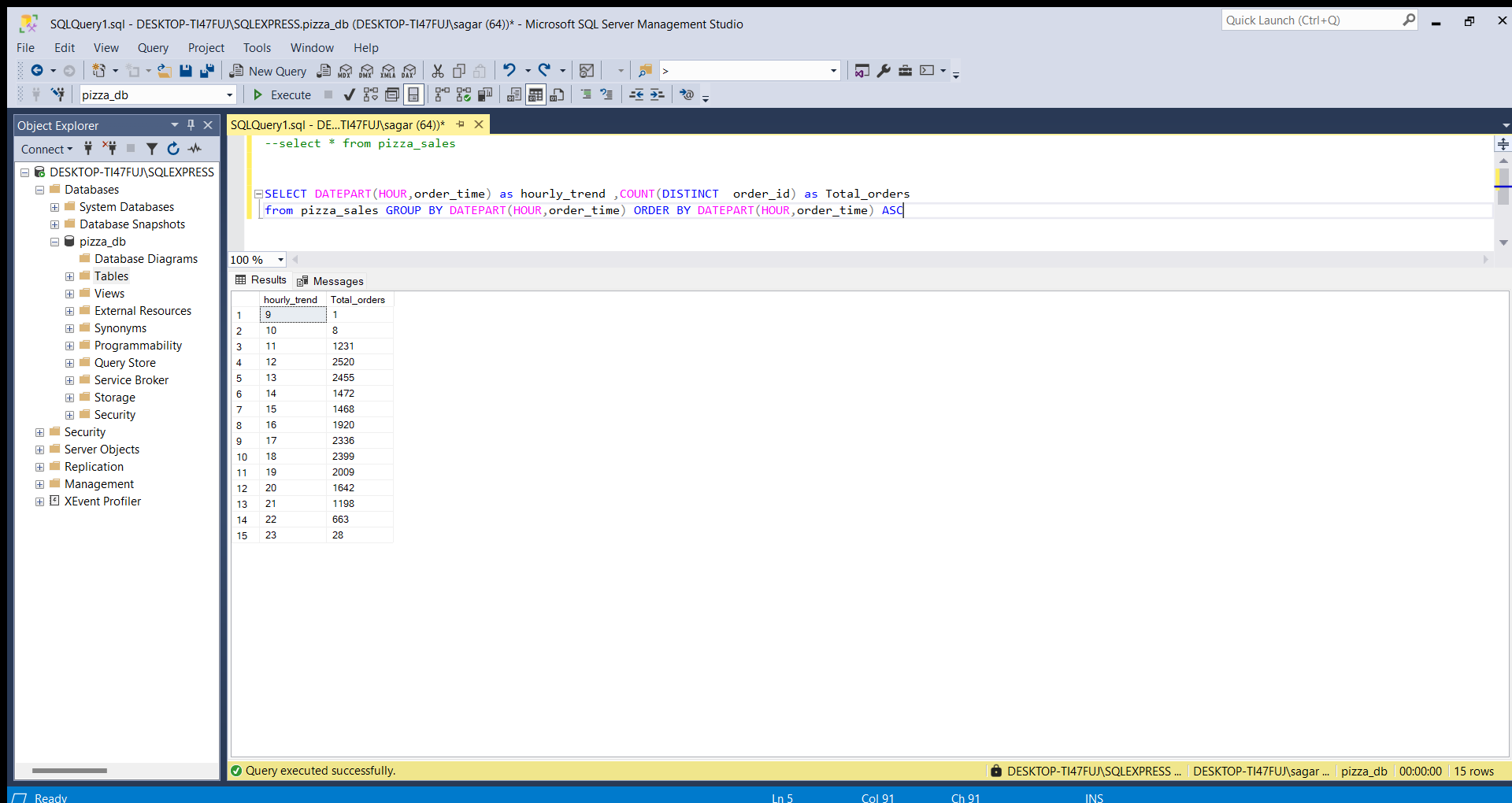
note: DW ->Weekday ka name return karega (e.g., Sunday, Monday)

order\_date ->column name

DATENAME ek function hai jo kisi **date** ka specified **part ka name** return karta hai.(like month name, weekday name ..)

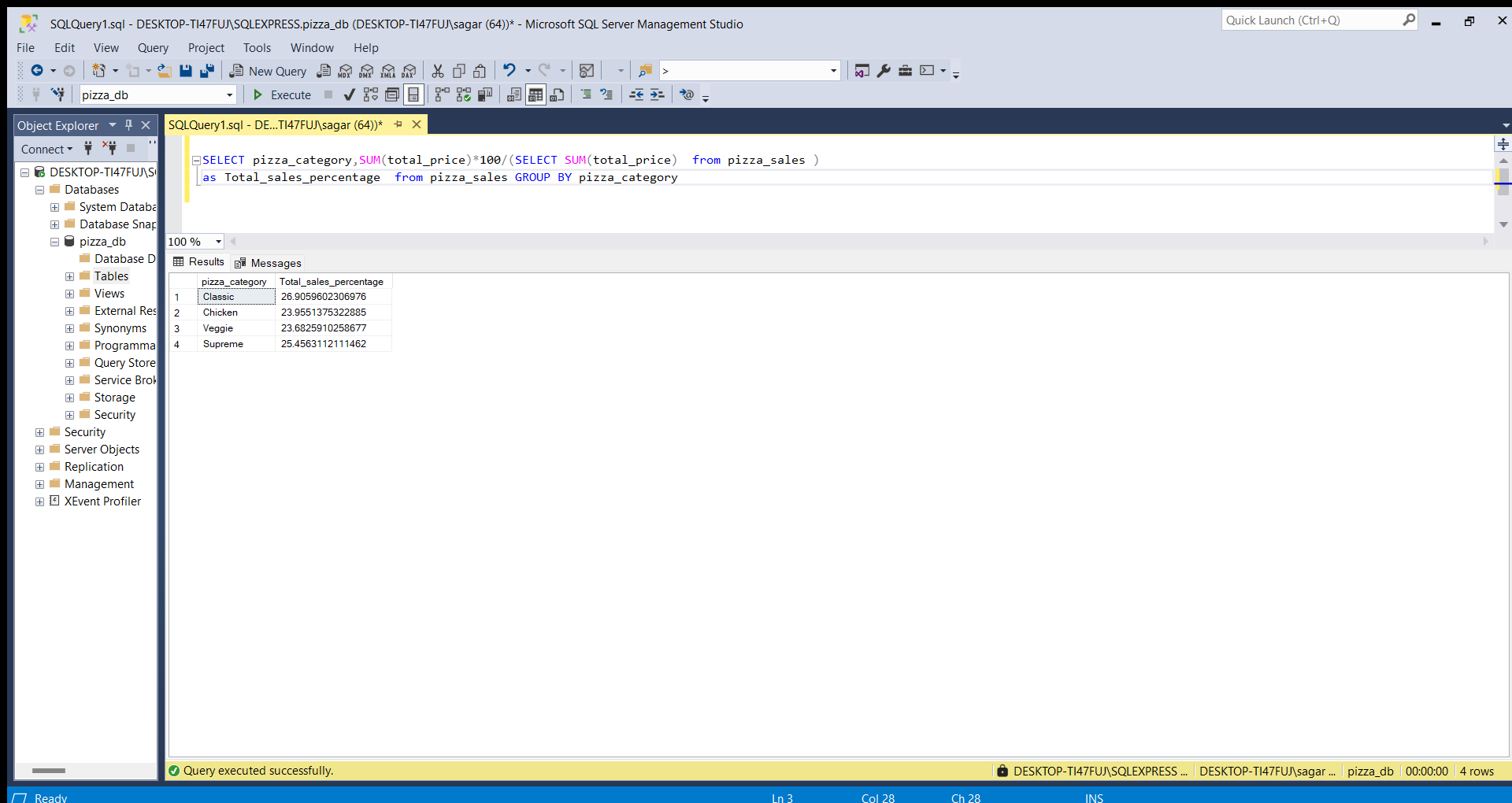
ii) **Number of orders per Hour (Daily Trends)**

Daily kis time pe sabse jyada order hota h. (i,e. peak hour kon sa h)

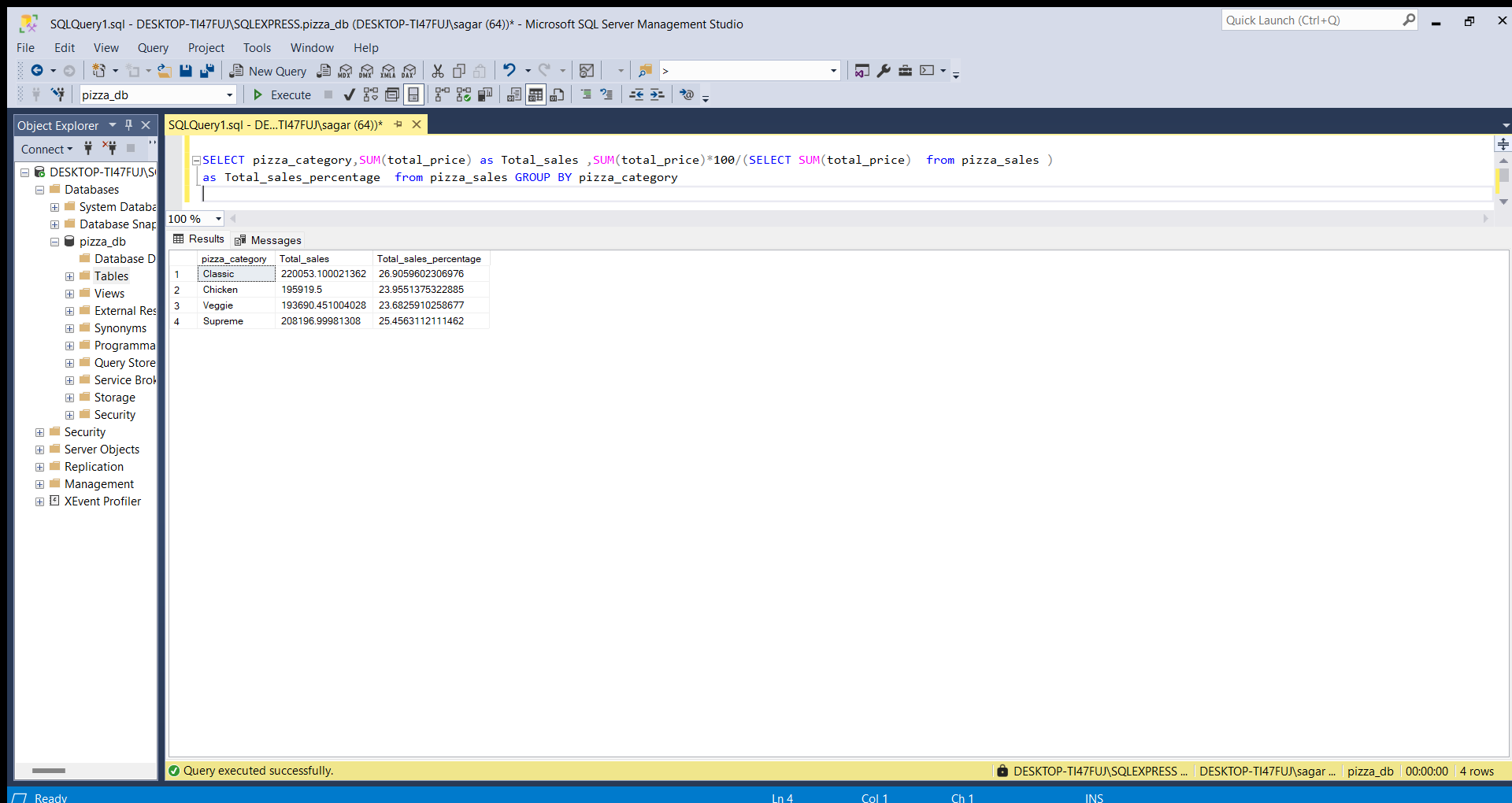


**iii)percentage of sales by pizza category (which pizza is sold maximum)**

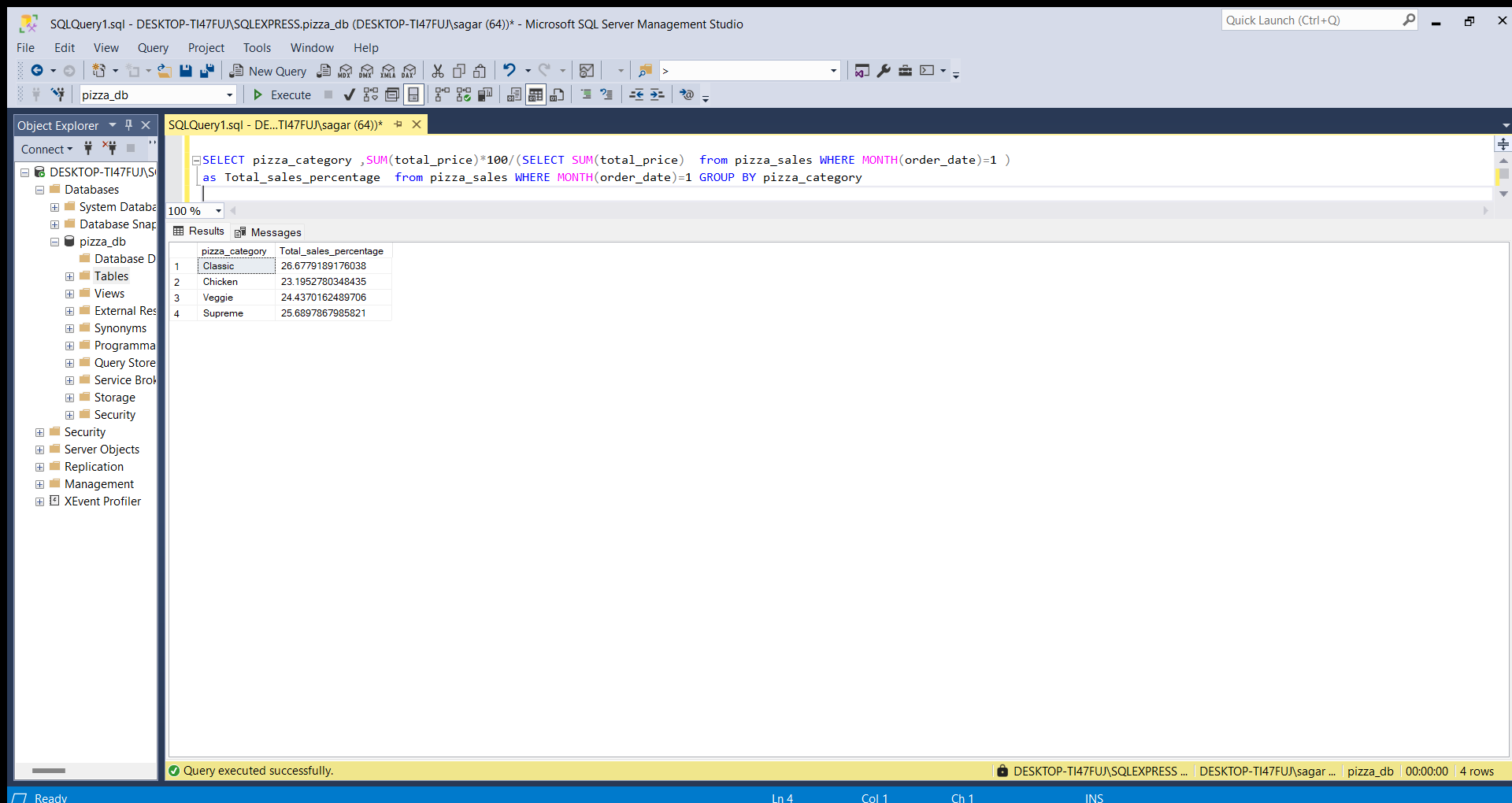
sales % by pizza category = sales of particular pizza/total number of sales



**if we also find total sales of each pizza ->**

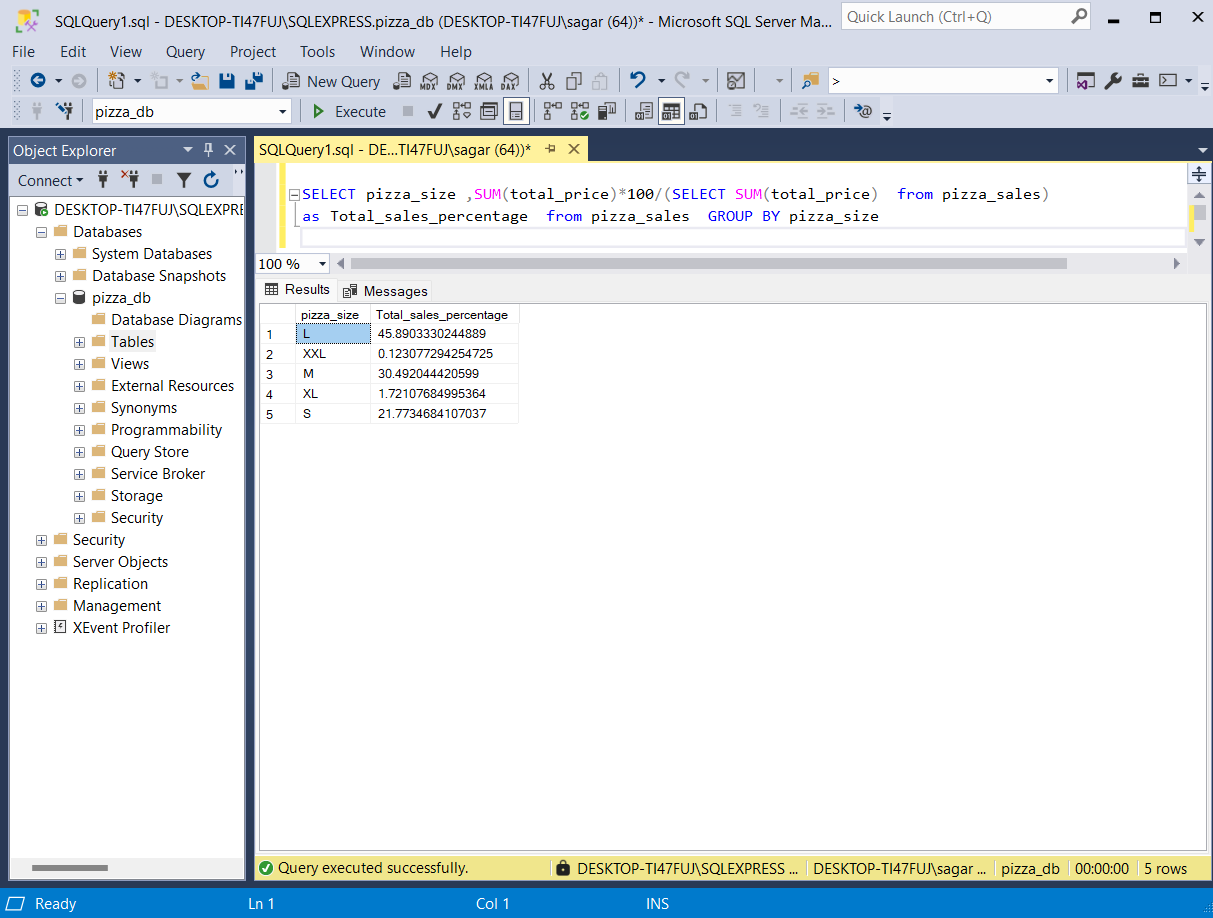


note:- **percentage of sales by pizza category in January month**

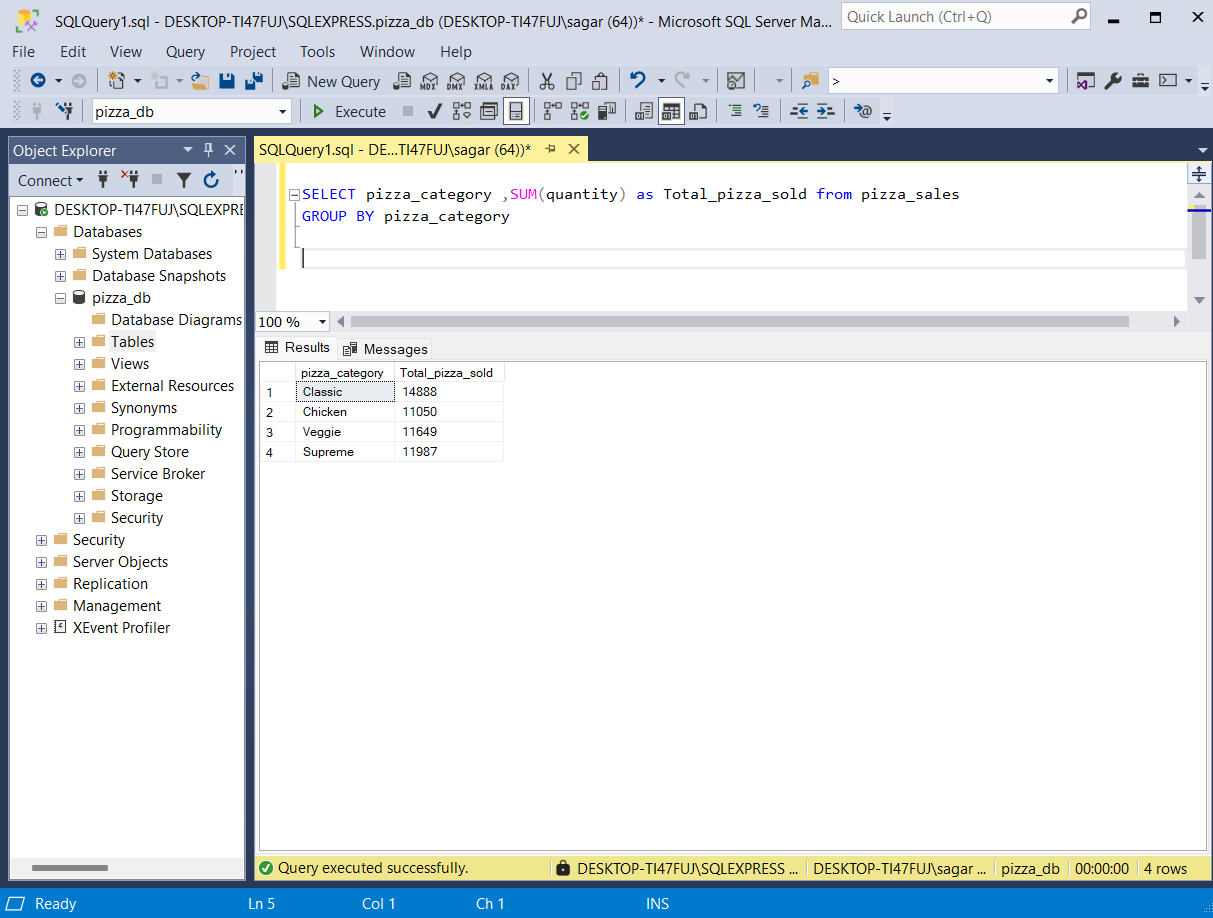


agar where lagana hai and subquery laga hua h to wo same **where,** sub-query and main query dono jagah lagana hoga.

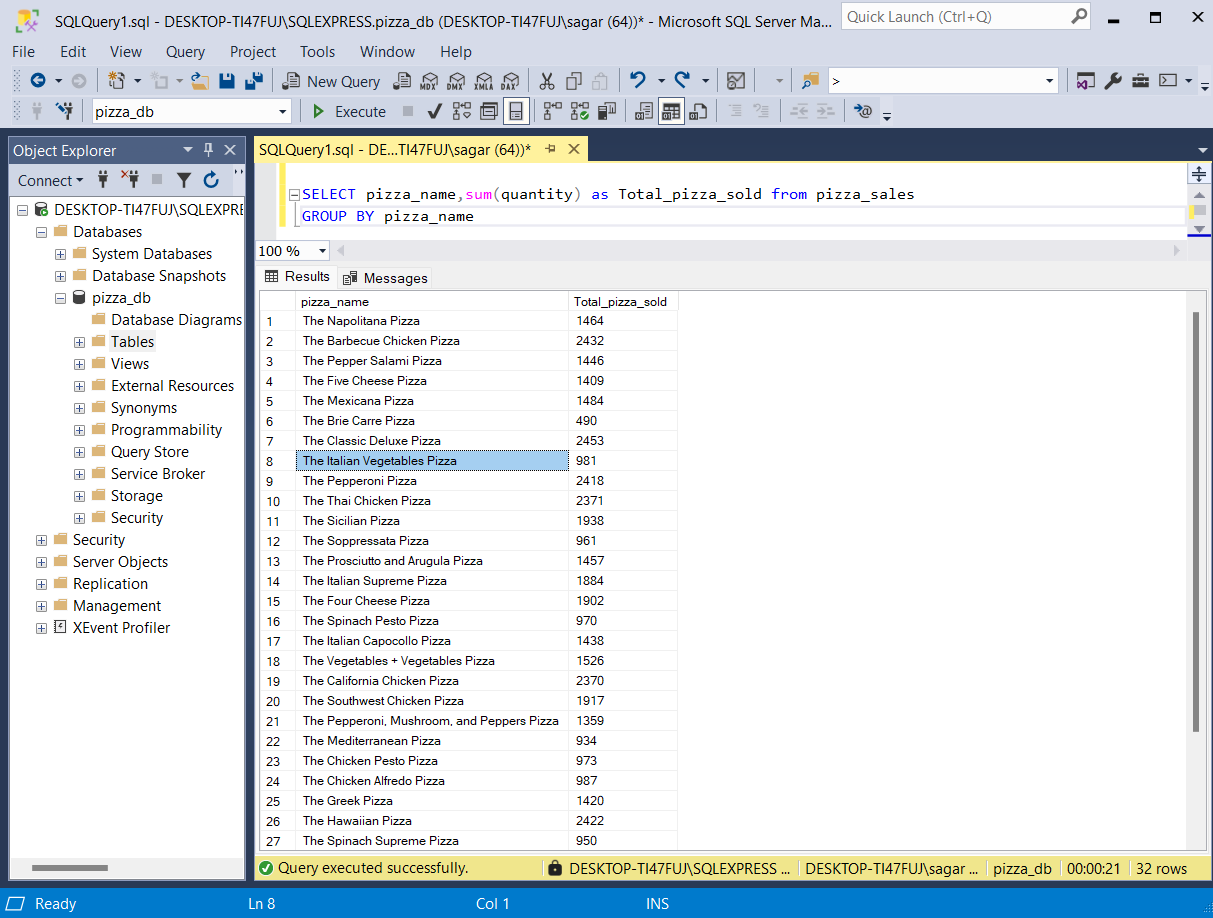
**iv) percentage of sales by pizza size**



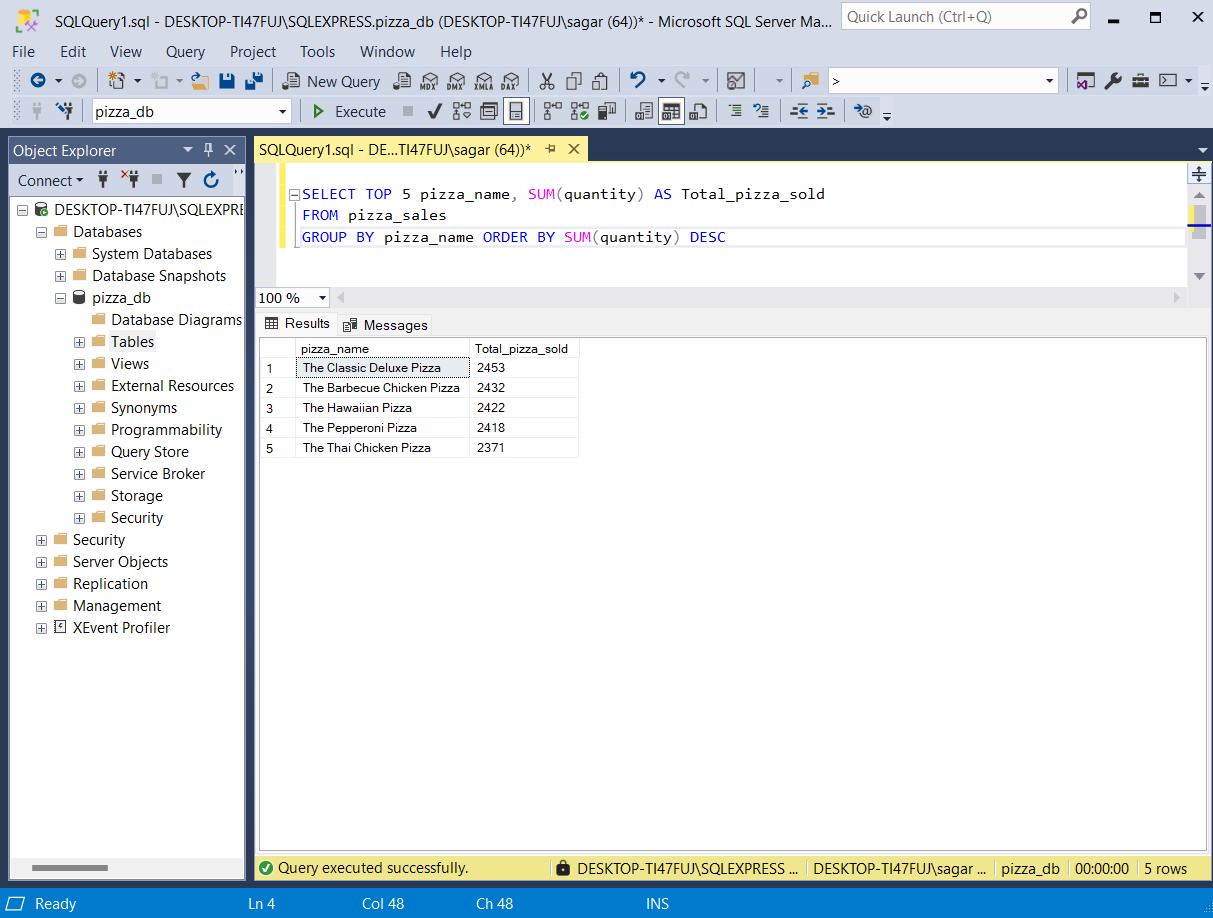
**v) Total Pizzas Sold by Pizza Category**



**vi) Top pizza sold and their names**

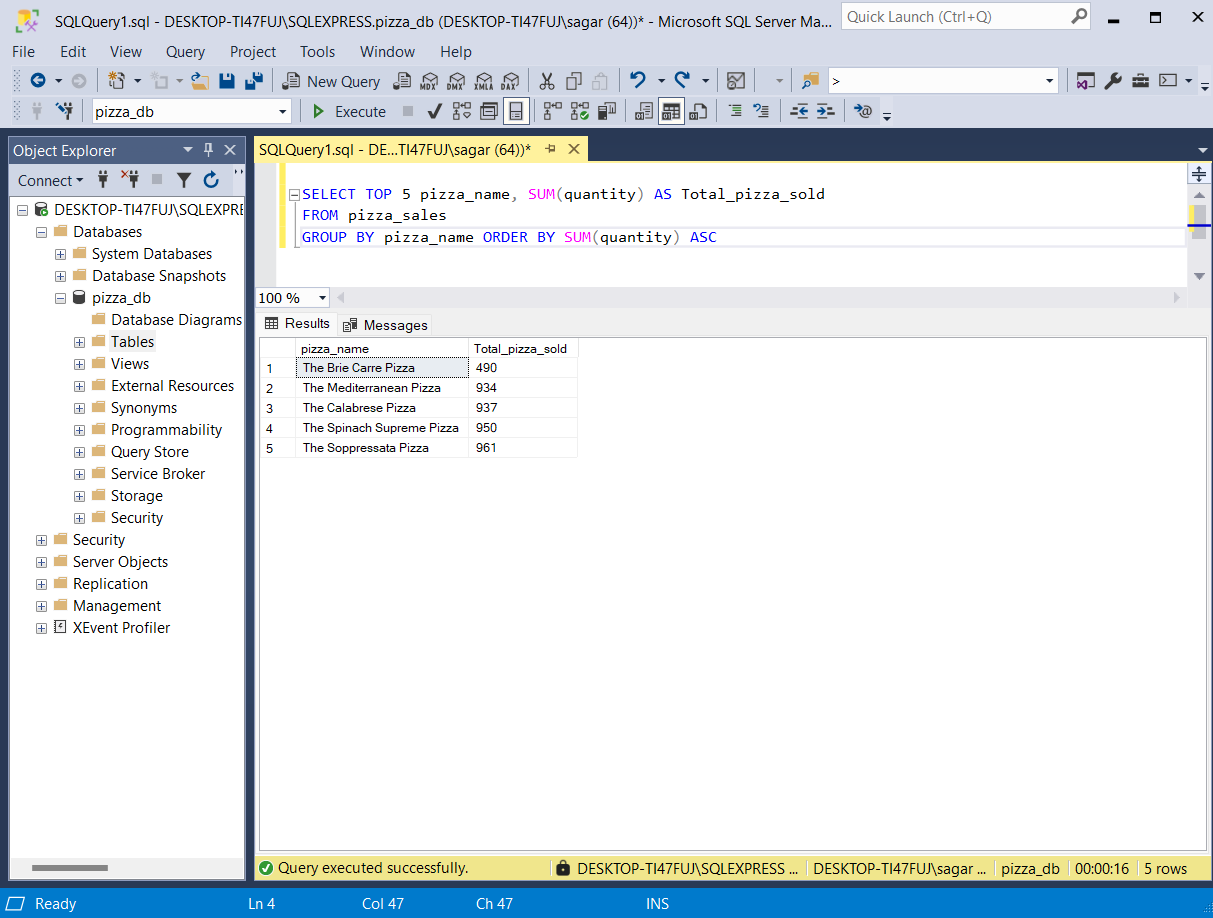


**vii) Top 5 Best pizza**



Note: SQL server doesn’t support LIMIT, so we use TOP .

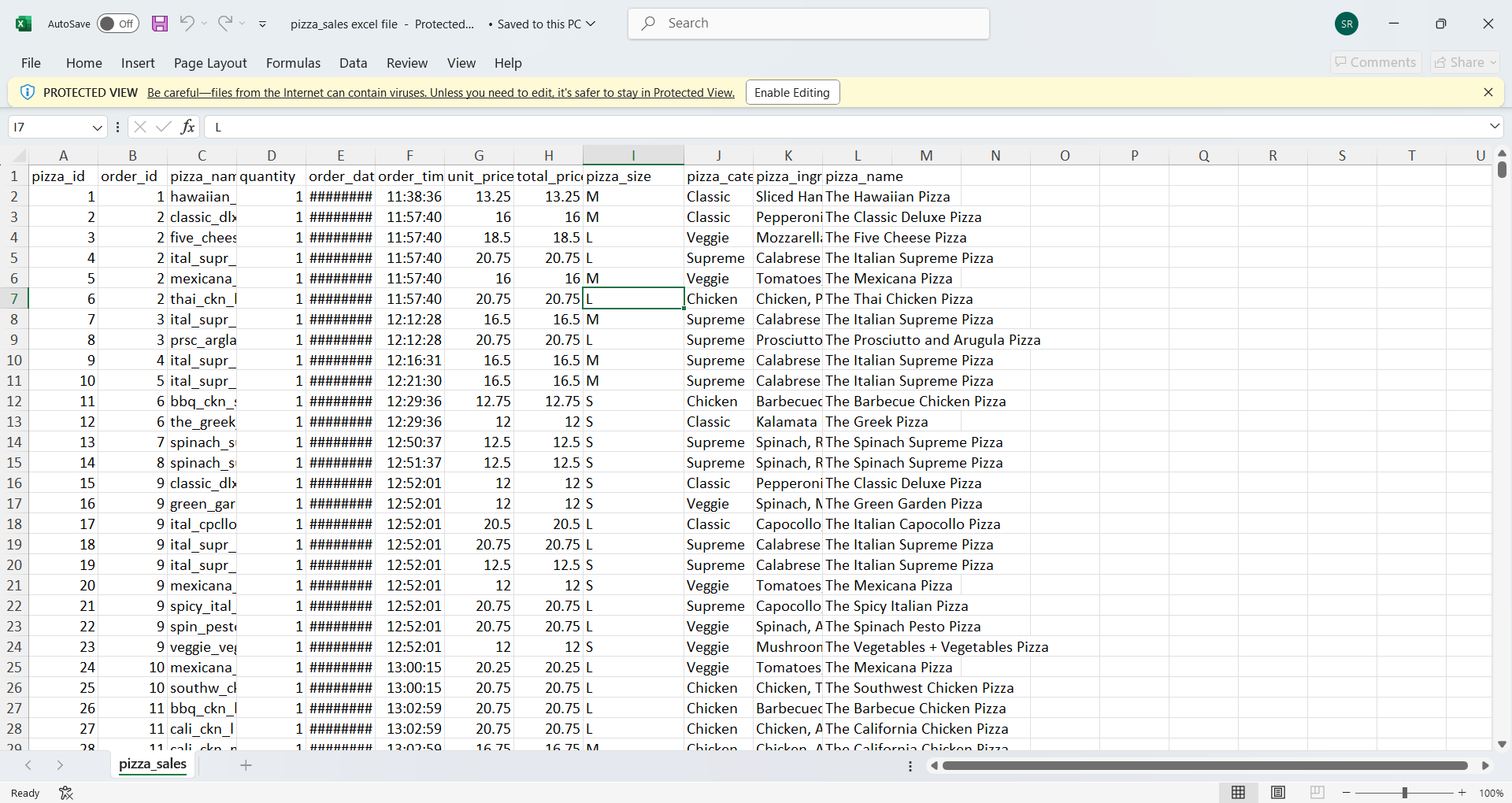
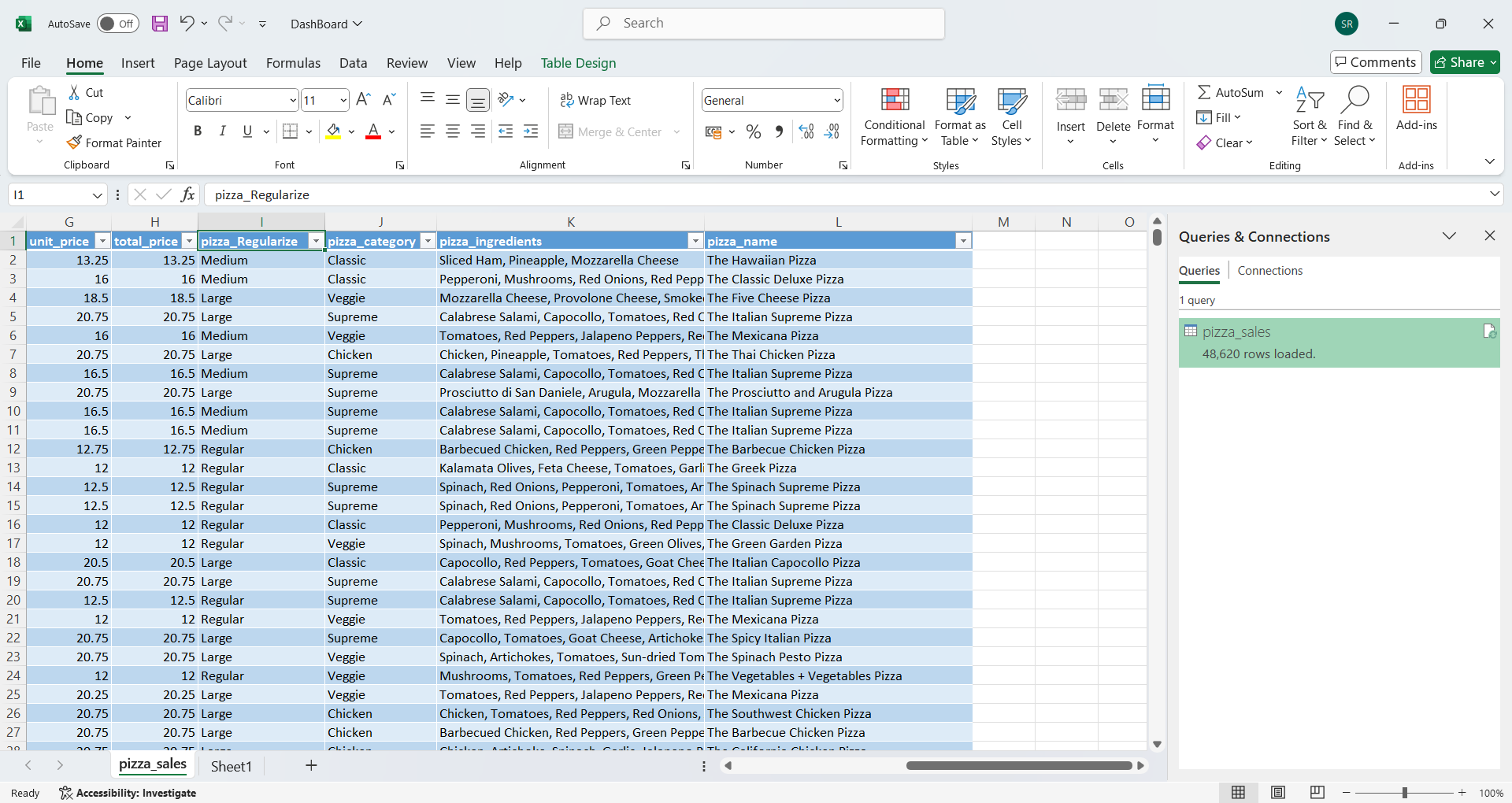
**vii)worst 5 pizza**



**EXCEL**

**Data cleaning**

i)select (column I ) and press **ctrl+H** and replace S to Regular and M to Medium and L to Large and XL to X/Large and XXL to XX/Large.

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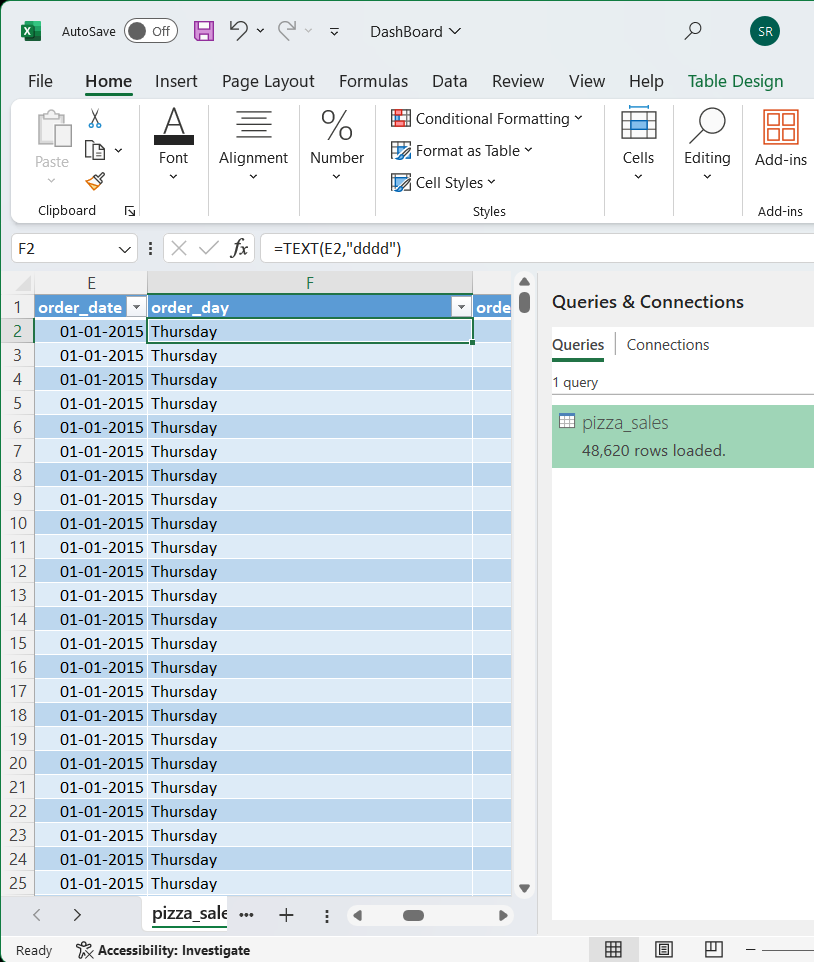
->column name change from pizza\_size to pizza\_Regularize.

**ii) Data processing**

a) we insert a new column (F) “ **order\_day** “.

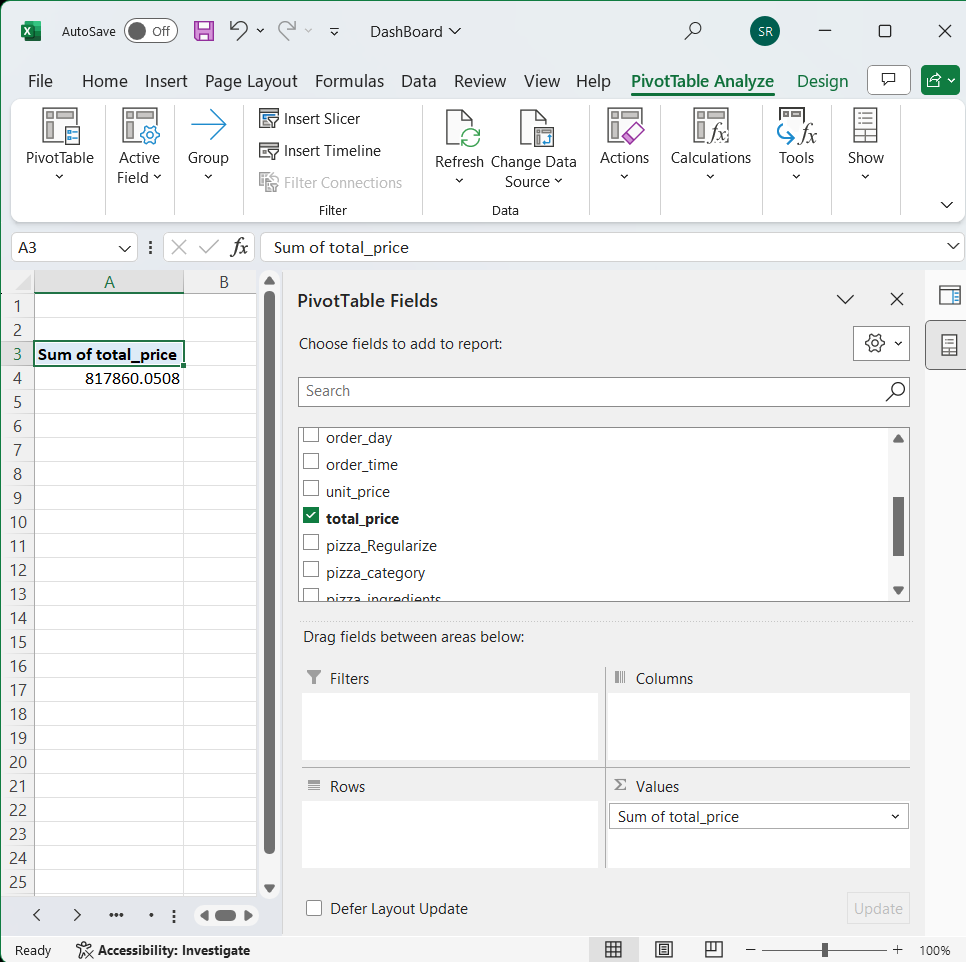
=TEXT(E2,"dddd") ->this formula will give me weekdays from date

**Note**->write this formula in F2 cell and press enter,to niche ka saara field automatically fill ho jayega.



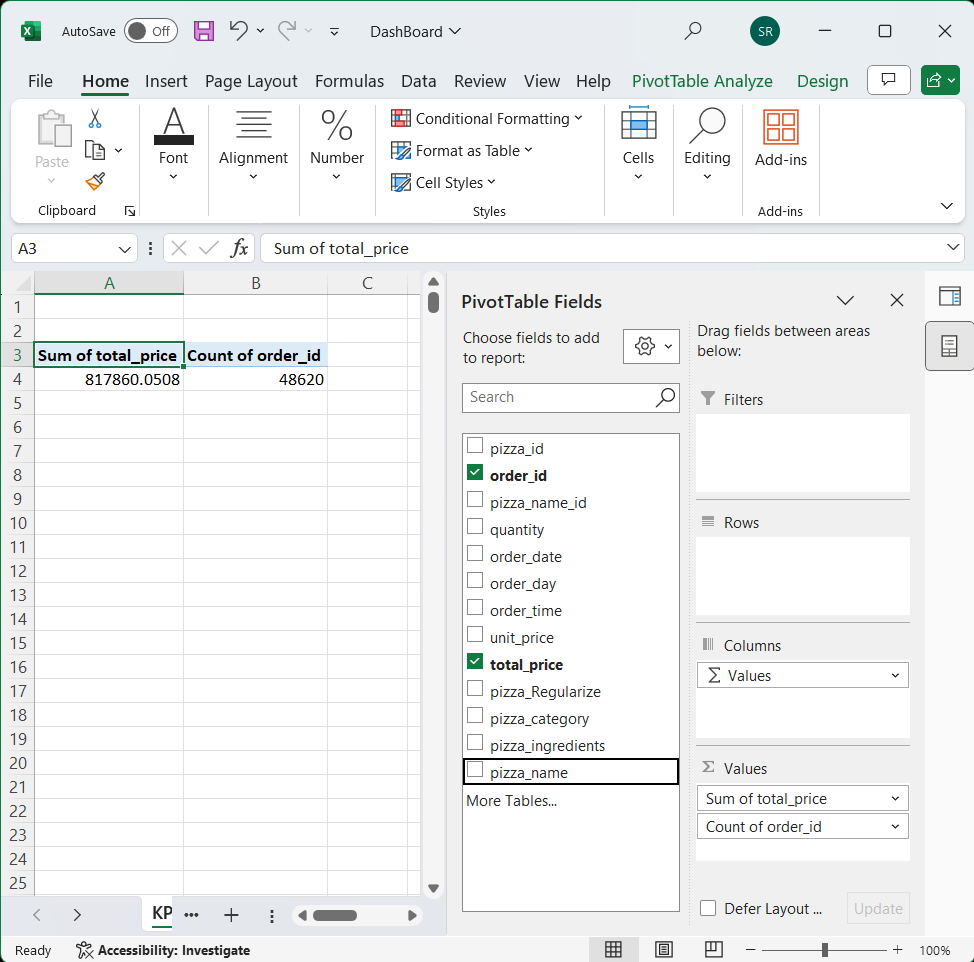
**iii) KPI**

**a)total revenue** ->sum of total price ->select “total\_price” from pivot table fields.



note: i)agar cells kuch bhi show karna hai to yaha se select karke fir drag and drop karke values me daal dena.

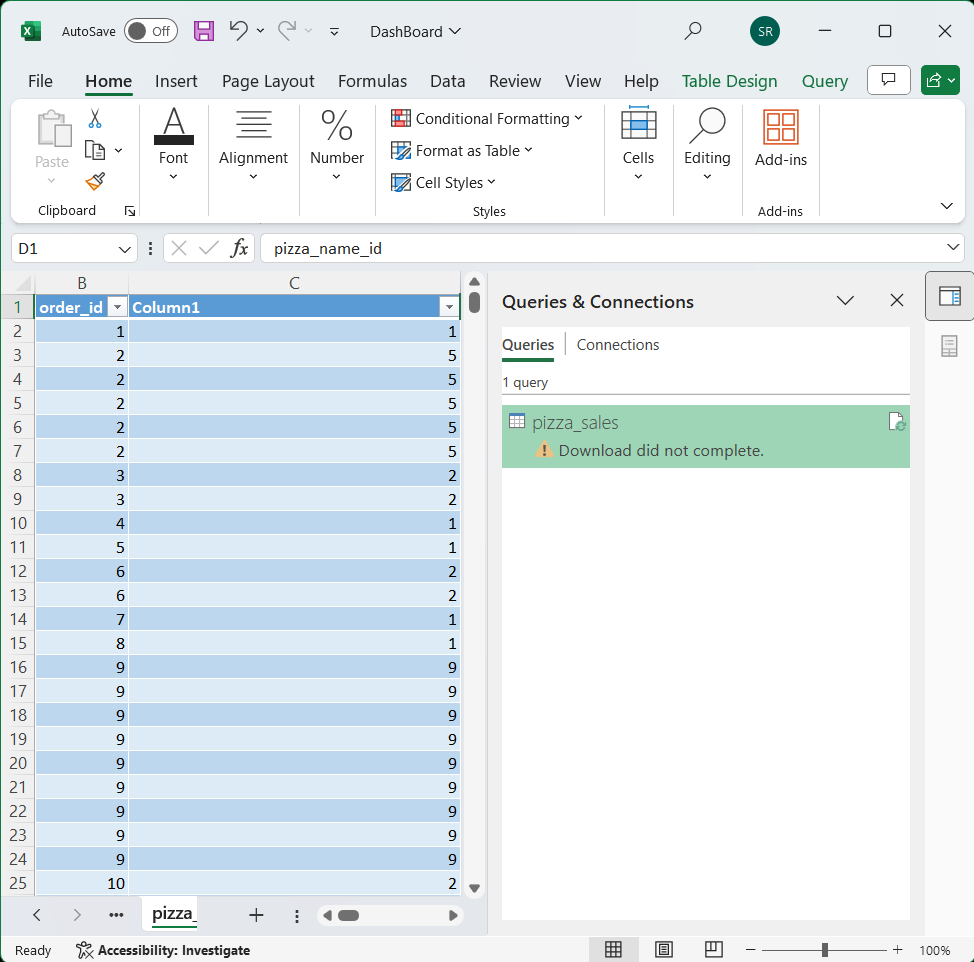
ii)sum ,count,min sab kuch **value field setting** se change kar sakte h.

->click on count wale pe and fir select **value field setting**

**ii)average order value**

=>total revenue/total number of orders

a)mujhe ye karna hai ki,yaha pe 2 jo hai wo 5 times aa rha h,but mujhe 2 sirf 1 baar chahiye,



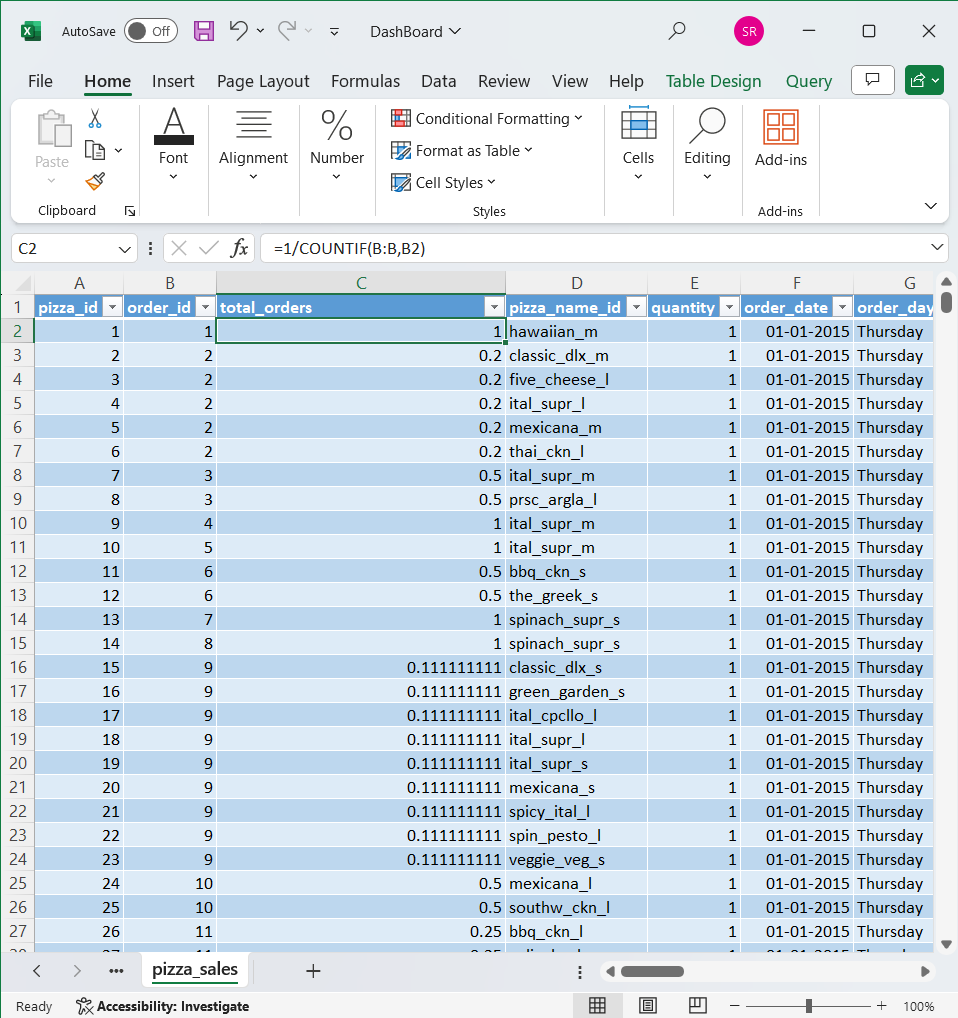
->1 ek baar hai,and 2 jo hai wo 5 times hai, similarly 3 jo hai wo 2 time hai.

we make a new column total\_orders and write formula

=COUNTIF(B:B,B2) and press enter { =COUNTIF(range , corresponding cell number) }

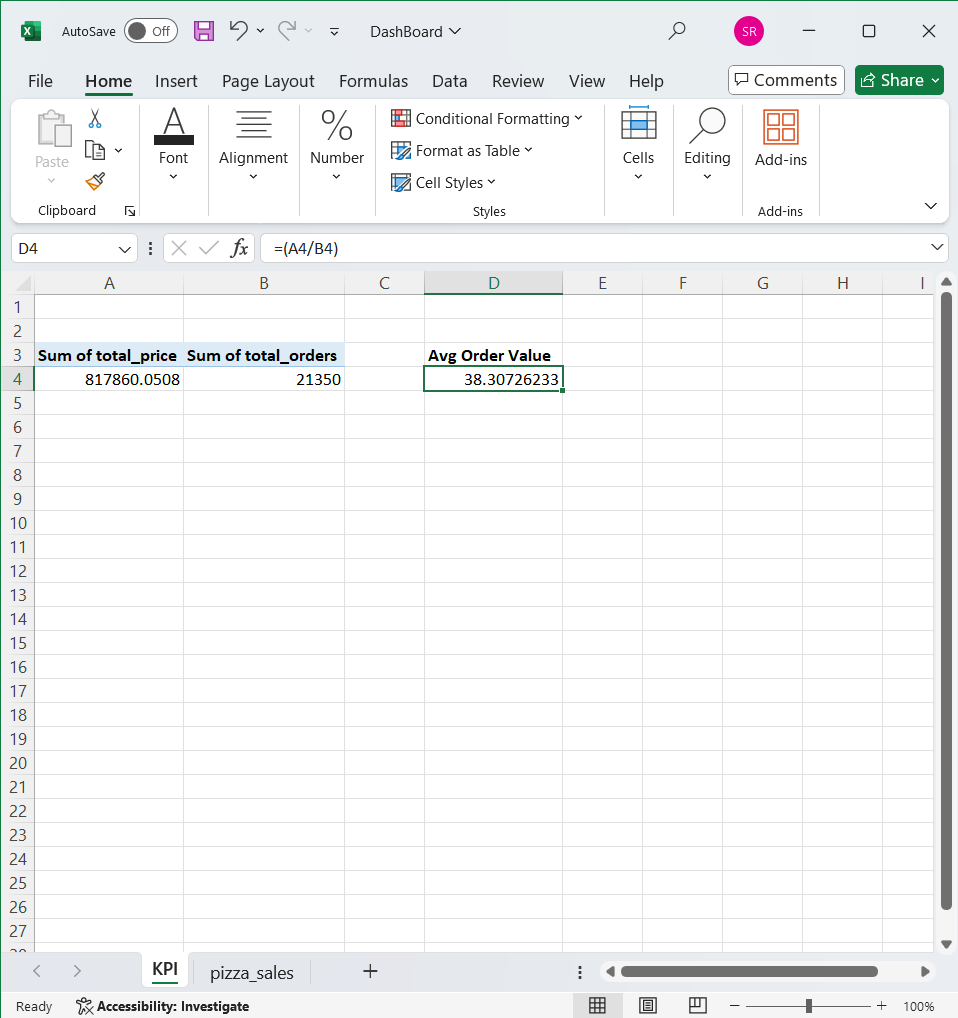
b) we divide the total\_orders by 1,because ab 2 jo hai wo 1 baar count hoga .

(0.2+0.2+0.2+0.2+0.2=1) ,similarly dusre order\_id ke liye bhi sabko add karega to count=1 aayega.



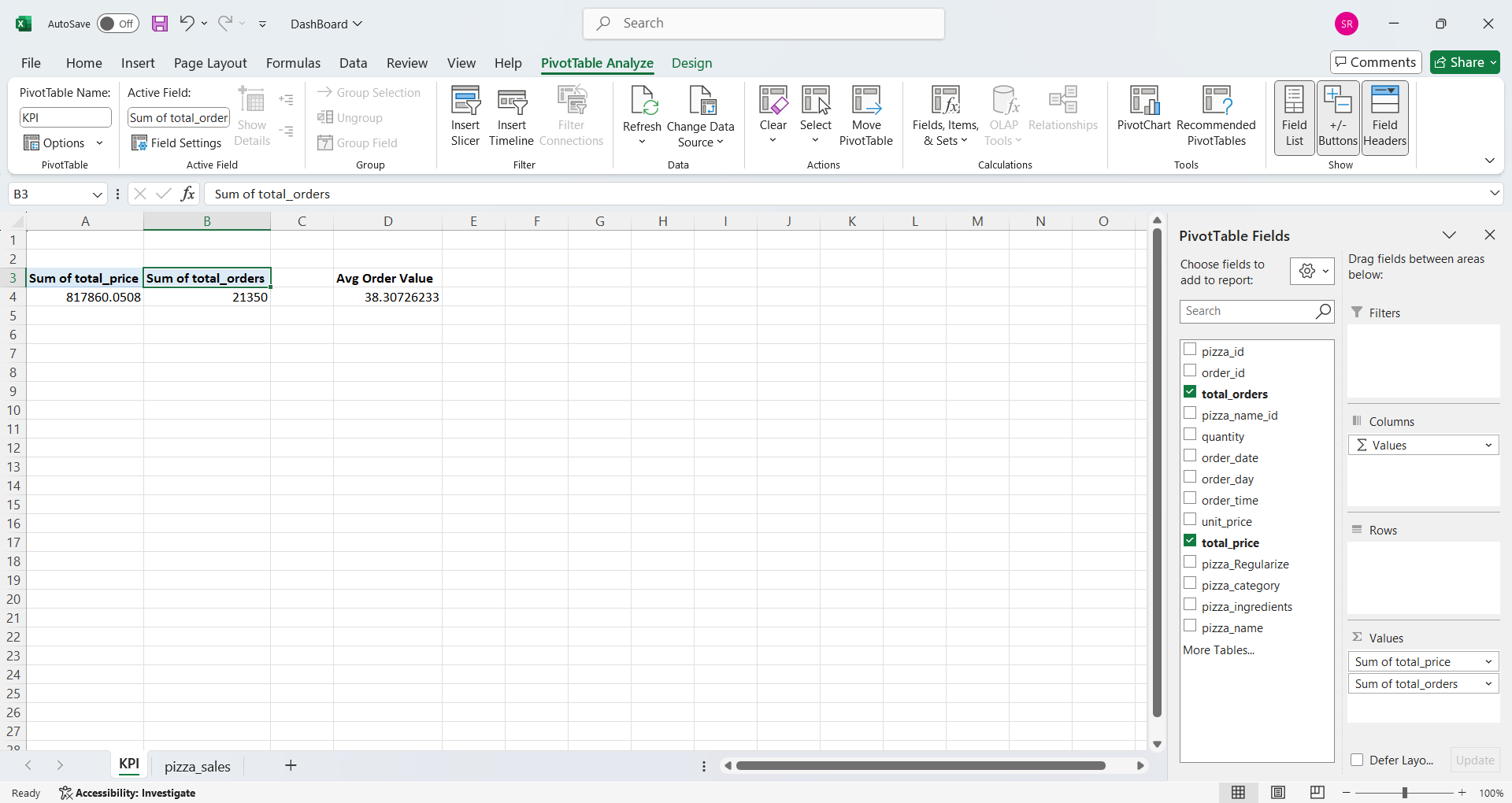
c)average order value

=sum of total price/sum of total orders



**Note**: suppose agar tumko ye side wala “**pivot table analysis**” show nhi hoga then ,

“**go to pivot table analysis**” , then select right side me “**Field List”**



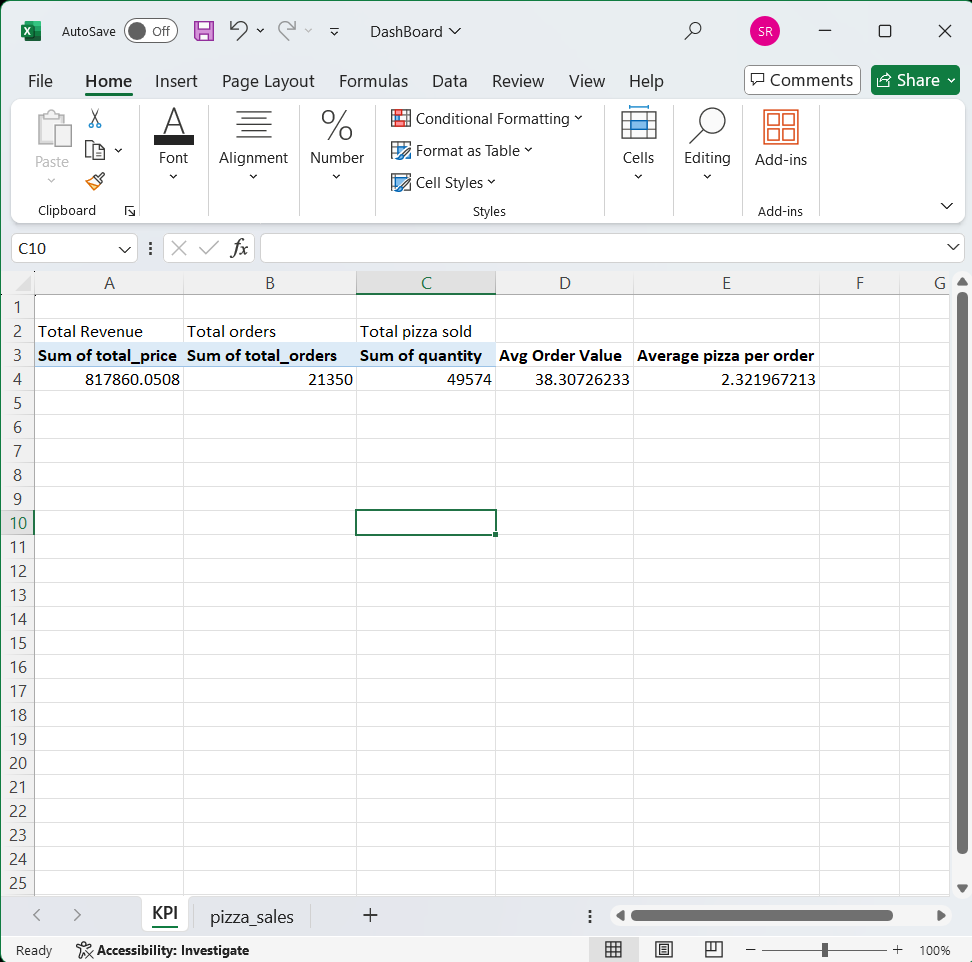
**iii)Total orders**

sum of total orders

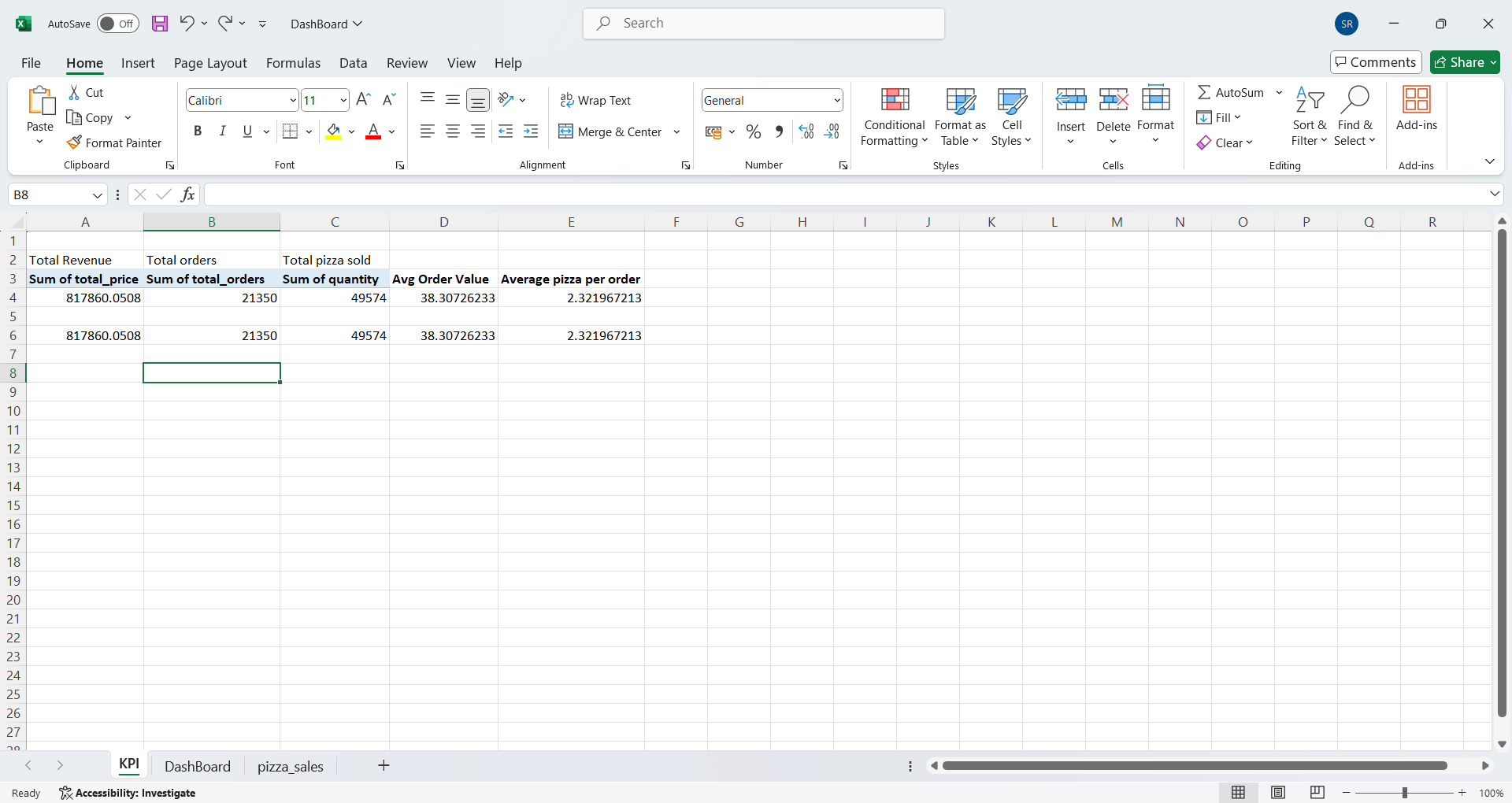
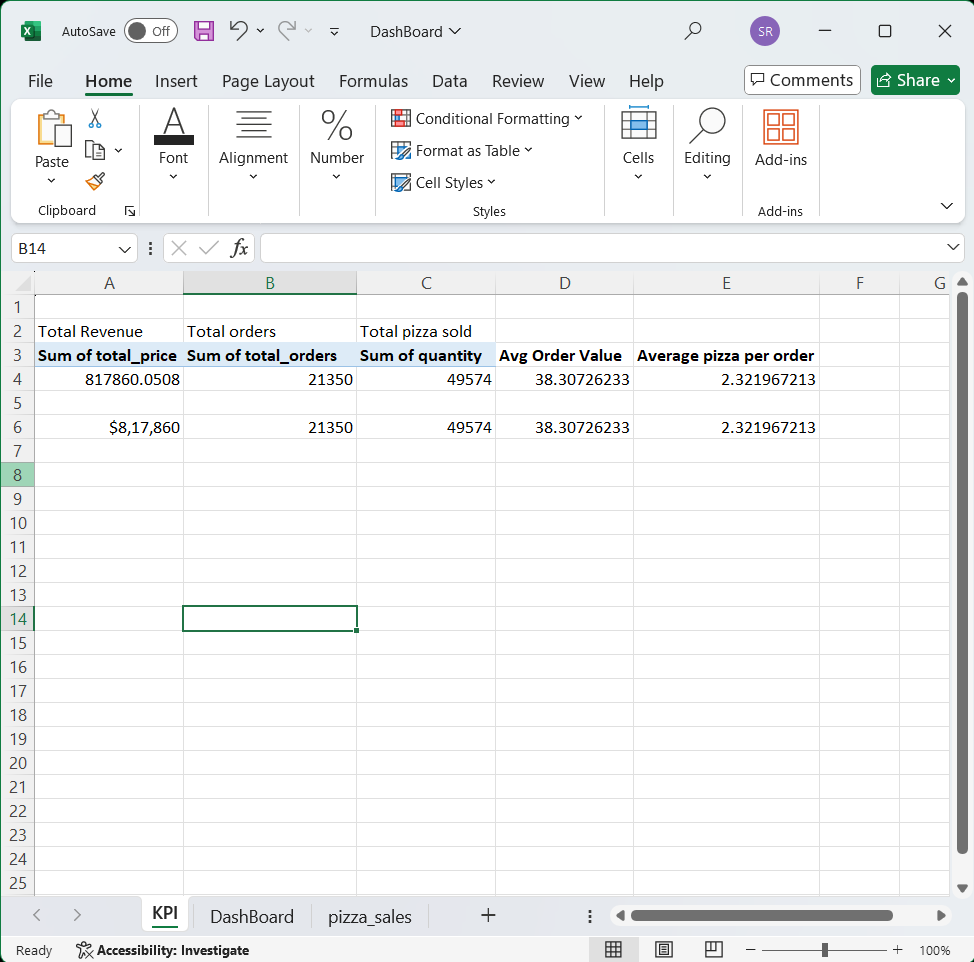
**iv)average pizza per order**

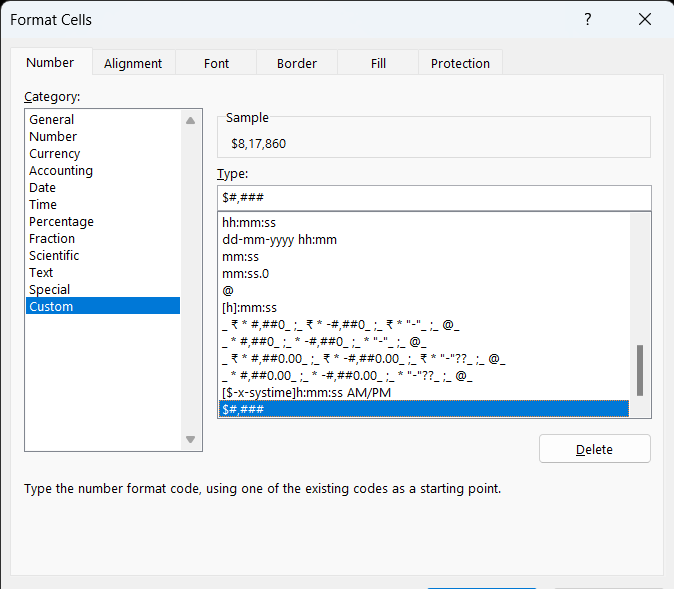
=total number of pizza/total number of orders

=sum of quantity/sum of total\_orders



iv) convert this number to $ (dollar)

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click on this cell -> press ctrl +1 ->select custom -> Type $#,## -> ok

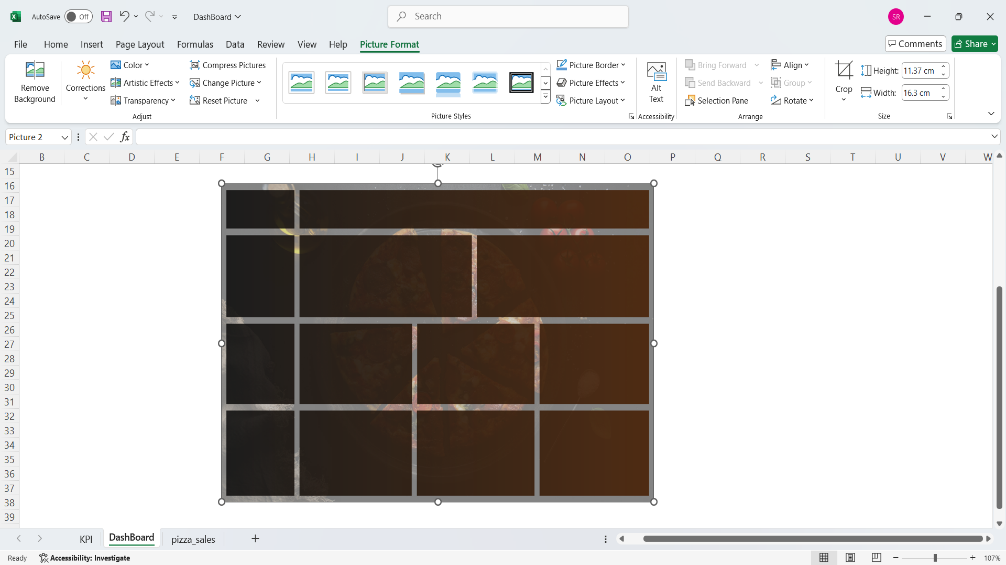
**visualization**

agar iss dashboard(jo brown color me h) iska height width se karna h to ,,click on image-> go to picture format(height=20cm,width=35cm)

i)make a separate spreadsheet called Dashboard , and go to **view**->unmark the **Gridlines**

ii)open ppt and save brown color wala ppt in png .

iii)in excel go to insert and insert the brown color image .



iv)make text box (go to insert->select text box)’’