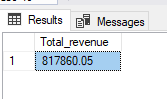
**Pizza Sales SQL queries**

KPI‘s

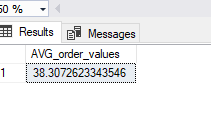
1. Total Revenue of all Pizza Orders: The sum of the total price of all pizza orders.

Select round(SUM(total\_price),2) as Total\_Revenue from pizza\_sales



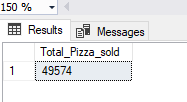
2. Average Order Value: The average amount spent per order, calculated by dividing the total revenue by the total number of orders

select SUM(total\_price)/COUNT(distinct order\_id) as AVG\_order\_values from pizza\_sales



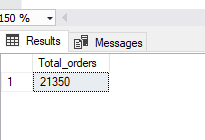
3. Total Pizza Sold: The sum of the quantities of all pizzas sold.

select sum(quantity) as Total\_Pizza\_sold from pizza\_sales



4. Total Orders: The total number of orders placed

select count(distinct order\_id) as Total\_orders from pizza\_sales



5. Average Pizzas Per Order: The average number of pizzas sold per order, calculated by dividing the total number of pizzas sold by the total number of orders.

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\_order from pizza\_sales

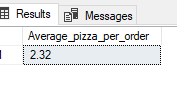


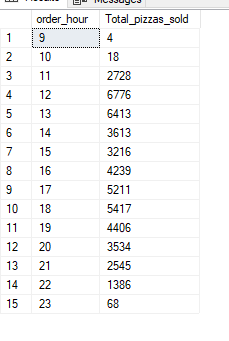
Chart Requirements

6. Hourly trend for Total pizzas sold

select DATEPART(hour,order\_time) as order\_hour , SUM(quantity) as Total\_pizzas\_sold from pizza\_sales

group by DATEPART(hour,order\_time)

order by order\_hour asc

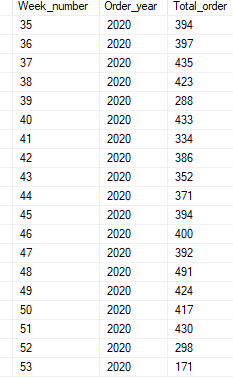
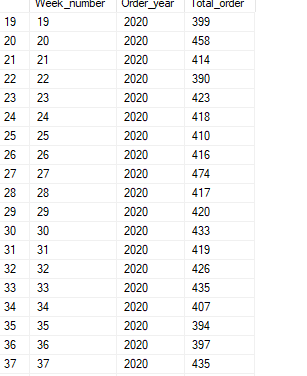
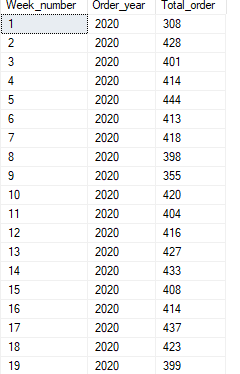


7. Weekly trend for Total orders

select DATEPART(ISO\_WEEK, order\_date) as Week\_number , YEAR(order\_date) as Order\_year , count(distinct order\_id) as Total\_order from pizza\_sales

group by DATEPART(ISO\_WEEK, order\_date), YEAR(order\_date)

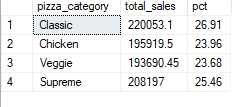
order by DATEPART(ISO\_WEEK, order\_date), YEAR(order\_date)



8. Percentage of sales by pizza category

select pizza\_category,round(sum(total\_price),2) as total\_sales,round(SUM(total\_price)\*100/(select sum(total\_price) from pizza\_sales),2)as pct from pizza\_sales

group by pizza\_category;



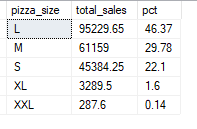
9. Percentage of sales by pizza size

select pizza\_size,round(sum(total\_price),2) as total\_sales,round(SUM(total\_price)\*100/(select sum(total\_price) from pizza\_sales where datepart(QUARTER,order\_date)=1),2)as pct from pizza\_sales

where datepart(QUARTER,order\_date)=1

group by pizza\_size

order by pct desc



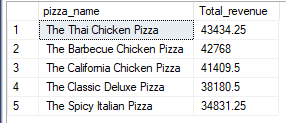
10.

a.Top 5 Best Sellers by Revenue, Total Quantity and Total Orders

select top 5 pizza\_name, SUM(total\_price) as Total\_revenue from pizza\_sales

group by pizza\_name

order by Total\_revenue desc

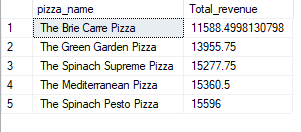


b. Bottom 5

select top 5 pizza\_name, SUM(total\_price) as Total\_revenue from pizza\_sales

group by pizza\_name

order by Total\_revenue Asc

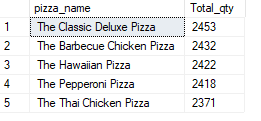


c. Top 5 by qty

select top 5 pizza\_name, SUM(quantity) as Total\_qty from pizza\_sales

group by pizza\_name

order by Total\_qty Desc

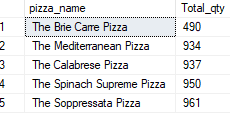


d. Bottom 5 by qty

select top 5 pizza\_name, SUM(quantity) as Total\_qty from pizza\_sales

group by pizza\_name

order by Total\_qty ASC

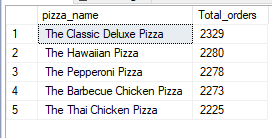


e. Top 5 by orders

select top 5 pizza\_name, COUNT(distinct order\_id) as Total\_orders from pizza\_sales

group by pizza\_name

order by Total\_orders Desc



F. bottom 5 by orders

select top 5 pizza\_name, COUNT(distinct order\_id) as Total\_orders from pizza\_sales

group by pizza\_name

order by Total\_orders ASC

