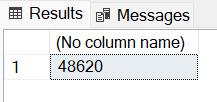
**PIZZA SALES DATA EXPLORATION QUERIES AND RESULTS**

1. No of records

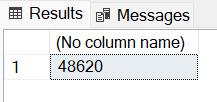
select count(\*) from pizza\_sales;



1. No of distinct records

select count(distinct pizza\_id)

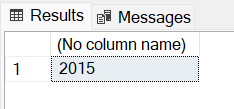
from pizza\_sales;



1. Period Year

select distinct(datepart(year, order\_date))

from pizza\_sales;

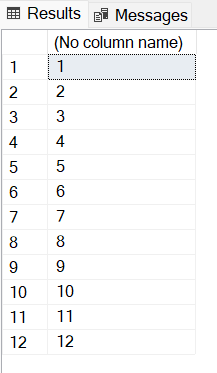


1. Does data account for all months?

select distinct(datepart(month, order\_date))

from pizza\_sales

order by 1;

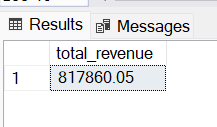


KPI

1. Total Revenue

select cast(sum(total\_price) as decimal(10,2)) as total\_revenue

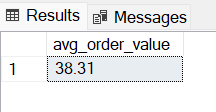
from pizza\_sales;



1. Average Order Value

select cast((sum(total\_price) / count(distinct order\_id)) as decimal(10,2)) as avg\_order\_value

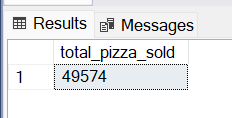
from pizza\_sales;



1. Total Pizzas Sold

select sum(quantity) as total\_pizza\_sold

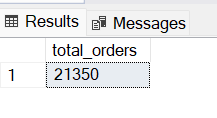
from pizza\_sales;



1. Total Orders

select count(distinct order\_id) as total\_orders

from pizza\_sales;



1. Average Pizzas per Order

select cast(sum(quantity) / cast(count(distinct order\_id) as decimal(10,2)) as decimal(10,2)) as avg\_pizza\_per\_order

from pizza\_sales;

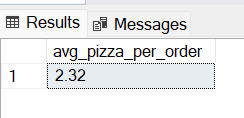


CHART REQUIREMENTS

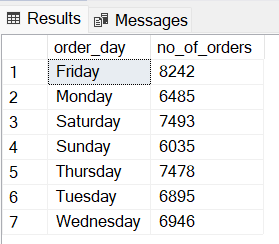
1. Daily trends for Total Order

select datename(dw, order\_date) as order\_day, sum(quantity) as no\_of\_orders

from pizza\_sales

group by datename(dw, order\_date)

order by 1;



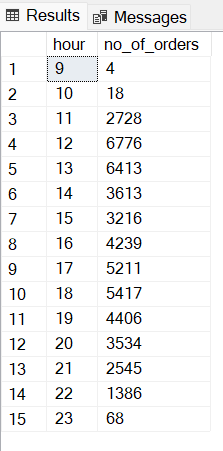
1. Hourly trends for Total Order

select datepart(hour, order\_time) as hour, sum(quantity) as no\_of\_orders

from pizza\_sales

group by datepart(hour, order\_time)

order by 1;



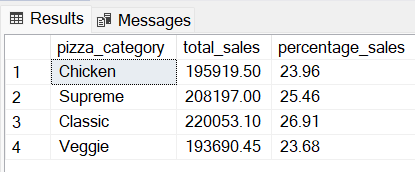
1. Percentage sales per Pizza Category

select pizza\_category, cast(sum(total\_price) as decimal(10,2)) as total\_sales,

cast((sum(total\_price)/(select sum(total\_price) from pizza\_sales)) \* 100 as decimal(10,2)) as percentage\_sales

from pizza\_sales

group by pizza\_category;



1. Percentage sales per Pizza Size

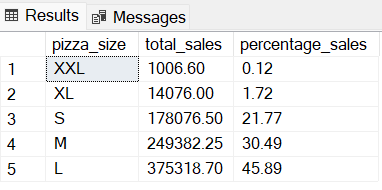
select pizza\_size, cast(sum(total\_price) as decimal(10,2)) as total\_sales,

cast((sum(total\_price)/(select sum(total\_price) from pizza\_sales)) \* 100 as decimal(10,2)) as percentage\_sales

from pizza\_sales

group by pizza\_size

order by 3;



1. Percentage sales per Pizza Size per quarter

select pizza\_size, cast(sum(total\_price) as decimal(10,2)) as total\_sales,

cast((sum(total\_price)/(

select sum(total\_price)

from pizza\_sales

where datepart(quarter, order\_date) = 3

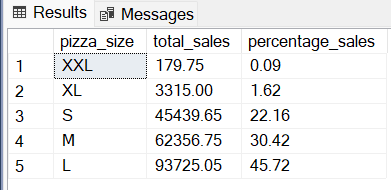
)) \* 100 as decimal(10,2)) as percentage\_sales

from pizza\_sales

where datepart(quarter, order\_date) = 3

group by pizza\_size

order by 3;

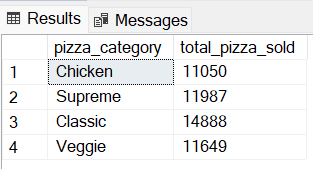


1. Total Pizza sold by Category

select pizza\_category, sum(quantity) as total\_pizza\_sold

from pizza\_sales

group by pizza\_category;



1. Top best sellers by Pizzas sold

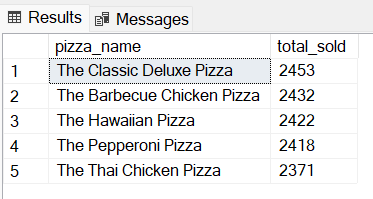
select top 5

pizza\_name, sum(quantity) as total\_sold

from pizza\_sales

group by pizza\_name

order by 2 desc;



1. Bottom worst sellers by Pizzas sold

select top 5

pizza\_name, sum(quantity) as total\_sold

from pizza\_sales

group by pizza\_name

order by 2;

