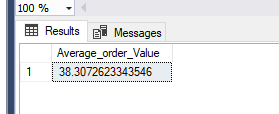
Project

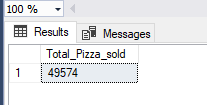


**SQL Queries to cross verify Excel Results**

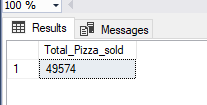
select SUM(total\_price)/count(Distinct order\_id) as Average\_order\_Value from pizza\_data



select SUM(quantity) as Total\_Pizza\_sold from Pizza\_data

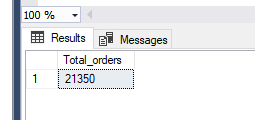


select SUM(quantity) as Total\_Pizza\_sold from Pizza\_data



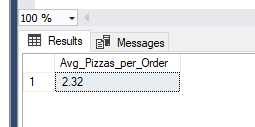
---Total Orders

Select distinct COUNT(order\_id) as Total\_orders from pizza\_data



-------Average Pizzas 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\_Pizzas\_per\_Order from Pizza\_data



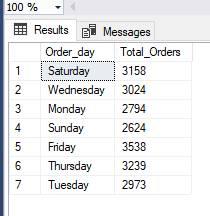
DW- Date of a Week which is used convert our order date into a string & will retrieve date Name

-----Dashboard--Deriving Charts Through SQL queries

---Daily Trend

Select DATENAME(DW,order\_date) as Order\_day,COUNT(Distinct Order\_ID) as Total\_Orders from Pizza\_Data

Group by DATENAME(DW,order\_date)

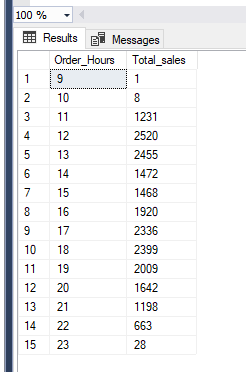


----Hourly Trend for total orders

select DATEPART(Hour,order\_time) as Order\_Hours,Count(distinct Order\_id) as Total\_sales from Pizza\_data

Group by DATEPART(hour,order\_time)

Order By DATEPART (hour,order\_time)

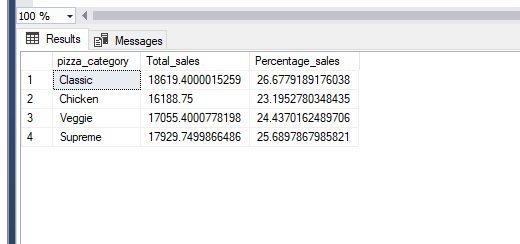


----Percentage of sales by pizza Category

select pizza\_category,Sum(total\_Price) as Total\_sales,SUM(Total\_price)\*100/ (Select SUM(total\_price) from pizza\_data where MONTH(order\_date)=1) as Percentage\_sales from pizza\_data

where MONTH(order\_date)=1

Group by pizza\_category



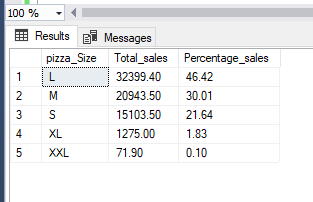
----------Percentage of sales by pizza Size

select pizza\_Size,cast(Sum(total\_Price) as decimal(10,2)) as Total\_sales,cast(SUM(Total\_price)\*100/ (Select SUM(total\_price) from pizza\_data where MONTH(order\_date)=1)

as decimal(10,2)) as Percentage\_sales from pizza\_data

where MONTH(order\_date)=1

Group by pizza\_Size order by Percentage\_sales desc

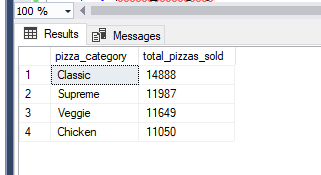


----Total Pizzas sold by pizza Category

select pizza\_category,SUM(quantity) as total\_pizzas\_sold from pizza\_data

Group by pizza\_category

order by total\_pizzas\_sold desc

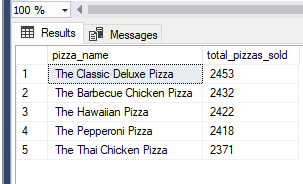


----Top 5 Pizza Names by sales

Select Top 5 pizza\_name,SUM(quantity) as total\_pizzas\_sold from Pizza\_data

Group by Pizza\_name

order by total\_pizzas\_sold desc



---Bottom 5 Pizza Names by sales

Select Top 5 pizza\_name,SUM(quantity) as total\_pizzas\_sold from Pizza\_data

Group by Pizza\_name

order by total\_pizzas\_sold

