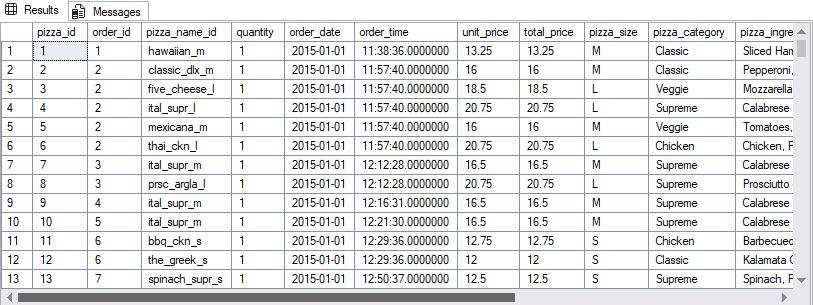
**PIZZA SALES SQL QUERIES**

-- Server: HIMANSHU

-- Full Table

select \* from [dbo].[pizza\_sales];



-- KPI's

-- Total Revenue

select sum(total\_price) as Total\_Revenue from pizza\_sales;



-- Average order Value

select sum(total\_price)/count(distinct order\_id) as Avg\_Order\_Value from pizza\_sales;



-- Total Pizza's Sold

select sum(quantity) as Total\_Quantity from pizza\_sales;



-- Total Orders

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



-- 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)) Avg\_Pizza\_Per\_Order from pizza\_sales;



-- Chart Requirements

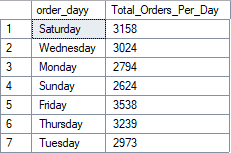
-- Daily trends for total orders:

SELECT DATENAME(DW, order\_date) AS order\_dayy,

COUNT(DISTINCT order\_id) AS Total\_Orders\_Per\_Day

FROM pizza\_sales

GROUP BY DATENAME(DW, order\_date);



-- Hourly trend for total orders:

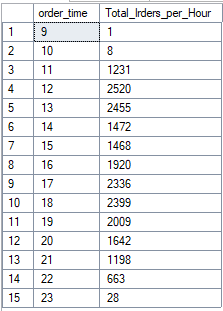
SELECT DATEPART (HOUR, order\_time) as order\_time,

COUNT(DISTINCT order\_id) as Total\_Irders\_per\_Hour

FROM pizza\_sales

GROUP BY DATEPART(HOUR, order\_time)

ORDER BY DATEPART(HOUR, order\_time);



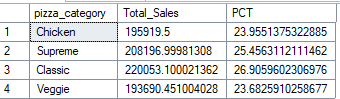
-- Percentage of sales by pizza category

SELECT pizza\_category, sum(total\_price) as Total\_Sales, sum(total\_price) \* 100 /

(SELECT sum(total\_price) from pizza\_sales ) as PCT

FROM pizza\_sales

group by pizza\_category;



-- Percentage of sales by pizza category for first month

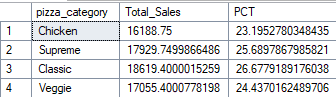
SELECT pizza\_category, sum(total\_price) as Total\_Sales, sum(total\_price) \* 100 /

(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;



-- Percentage of sales by pizza size

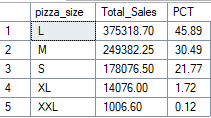
SELECT pizza\_size, cast(sum(total\_price) as DECIMAL (10, 2)) Total\_Sales, cast(sum(total\_price) \* 100 /

(SELECT sum(total\_price) from pizza\_sales ) as DECIMAL (10, 2)) as PCT

FROM pizza\_sales

group by pizza\_size

ORDER BY PCT DESC;



-- Percentage of sales by pizza size for the first quarter

SELECT pizza\_size, cast(sum(total\_price) as DECIMAL (10, 2)) Total\_Sales, cast(sum(total\_price) \* 100 /

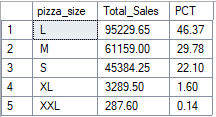
(SELECT sum(total\_price) from pizza\_sales WHERE DATEPART(QUARTER, order\_date) = 1 ) as DECIMAL (10, 2)) as PCT

FROM pizza\_sales

WHERE DATEPART(QUARTER, order\_date) = 1

group by pizza\_size

ORDER BY PCT DESC;

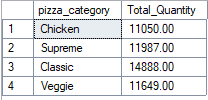


-- Total Pizza Sales by Pizza Category

SELECT pizza\_category, cast(sum(quantity) as DECIMAL (10, 2)) Total\_Quantity

FROM pizza\_sales

group by pizza\_category;



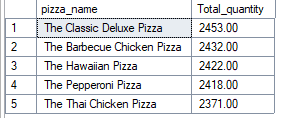
-- Top 5 best sellers by total pizza's sold

SELECT TOP 5 pizza\_name, cast(sum(quantity) as DECIMAL(10, 2)) Total\_quantity

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_quantity DESC;



-- Top 5 best sellers by total pizza's sold for January

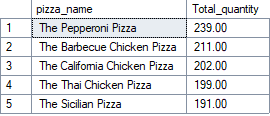
SELECT TOP 5 pizza\_name, cast(sum(quantity) as DECIMAL(10, 2)) Total\_quantity

FROM pizza\_sales

WHERE MONTH(order\_date) = 1

GROUP BY pizza\_name

ORDER BY Total\_quantity DESC;



-- Bottom 5 best sellers by total pizza's sold

SELECT TOP 5 pizza\_name, cast(sum(quantity) as DECIMAL(10, 2)) Total\_quantity

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY Total\_quantity;

