Pizza Sales SQL Queries

KPI's Requirement

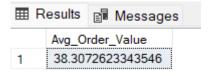
1 Total Revenue:

SELECT SUM(total price) AS Total Revenue FROM pizza sales



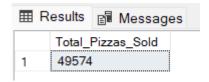
2 Average Order Value:

SELECT SUM(total_price) / COUNT(DISTINCT order_id) AS Avg_Order_Value FROM pizza_sales



3 Total Pizzas Sold:

SELECT SUM(quantity) AS Total_Pizzas_Sold FROM pizza_sales



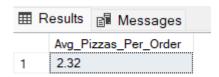
4 Total Orders:

SELECT COUNT(DISTINCT order_id) AS Total_Orders FROM pizza_sales



5 Average Pizzas Per Order:

SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) / CAST(COUNT(DISTINCT order_id) AS DECIMAL(10,2)) AS Avg_Pizzas_Per_Order FROM pizza_sales



Charts Requirement

1 Daily Trend for Total Orders:

SELECT DATENAME(DW, order_date) AS Order_Day, COUNT(DISTINCT order_id) AS Total_Orders FROM pizza_sales GROUP BY DATENAME(DW, order_date)

■ Results		
	Order_Day	Total_Orders
1	Saturday	3158
2	Wednesday	3024
3	Monday	2794
4	Sunday	2624
5	Friday	3538
6	Thursday	3239
7	Tuesday	2973

2 Hourly Trend for Total Orders:

SELECT DATEPART(HOUR, order_time) AS Order_Hours, COUNT(DISTINCT order_id) AS Total_Orders FROM pizza_sales GROUP BY DATEPART(HOUR, order_time) ORDER BY DATEPART(HOUR, order_time)

■ Results		
	Order_Hours	Total_Orders
1	9	1
2	10	8
3	11	1231
4	12	2520
5	13	2455
6	14	1472
7	15	1468
8	16	1920
9	17	2336
10	18	2399
11	19	2009
12	20	1642
13	21	1198
14	22	663
15	23	28

3 Monthly Trend for Total Orders:

SELECT DATENAME(MONTH, order_date) AS Month_Name, COUNT(DISTINCT order_id) AS Total_Orders FROM pizza_sales GROUP BY DATENAME(MONTH, order_date)

	Results 🛅 Mes	
	Month_Name	Total_Orders
1	February	1685
2	June	1773
3	August	1841
4	April	1799
5	May	1853
6	December	1680
7	January	1845
8	September	1661
9	October	1646
10	July	1935
11	November	1792
12	March	1840

4 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_Total_Sales
FROM pizza_sales
GROUP BY pizza_category

⊞ Results				
	pizza_category	Total_Sales	PCT_Total_Sales	
1	Classic	220053.100021362	26.9059602306976	
2	Chicken	195919.5	23.9551375322885	
3	Veggie	193690.451004028	23.6825910258677	
4	Supreme	208196.99981308	25.4563112111462	

-- Jan 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_Total_Sales

FROM pizza_sales

WHERE MONTH(order_date) = 1

GROUP BY pizza_category

⊞ Results				
	pizza_category	Total_Sales	PCT_Total_Sales	
1	Classic	220053.100021362	26.9059602306976	
2	Chicken	195919.5	23.9551375322885	
3	Veggie	193690.451004028	23.6825910258677	
4	Supreme	208196.99981308	25.4563112111462	

5 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_sales) AS DECIMAL(10,2)) AS PCT_Total_Sales

FROM pizza_sales

GROUP BY pizza_size

ORDER BY PCT Total Sales DESC

⊞ Results				
	pizza_size	Total_Sales	PCT_Total_Sales	
1	L	375318.70	45.89	
2	M	249382.25	30.49	
3	S	178076.50	21.77	
4	XL	14076.00	1.72	
5	XXL	1006.60	0.12	

-- First Quarter

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_sales WHERE DATEPART (QUARTER, order_date) =1)

AS DECIMAL(10,2)) AS PCT_Total_Sales

FROM pizza_sales

WHERE DATEPART (QUARTER, order_date) =1

GROUP BY pizza_size

ORDER BY PCT_Total_Sales DESC

⊞ Results				
	pizza_size	Total_Sales	PCT_Total_Sales	
1	L	95229.65	46.37	
2	М	61159.00	29.78	
3	S	45384.25	22.10	
4	XL	3289.50	1.60	
5	XXL	287.60	0.14	

6 Total Pizzas Sold by Pizza Category:

SELECT pizza_category,
SUM(quantity) AS Total_Pizzas_Sold
FROM pizza_sales
GROUP BY pizza_category

⊞ Results				
	pizza_category	Total_Pizzas_Sold		
1	Classic	14888		
2	Chicken	11050		
3	Veggie	11649		
4	Supreme	11987		

7 Top 5 Best Sellers by Revenue, Total Quantity and Total Orders:

SELECT TOP 5 pizza_name, SUM(quantity) AS Total_Pizzas_Sold FROM pizza_sales GROUP BY pizza_name ORDER BY SUM(quantity) DESC

⊞ Results			
	pizza_name	Total_Pizzas_Sold	
1	The Classic Deluxe Pizza	2453	
2	The Barbecue Chicken Pizza	2432	
3	The Hawaiian Pizza	2422	
4	The Pepperoni Pizza	2418	
5	The Thai Chicken Pizza	2371	

8 Bottom 5 Best Sellers by Revenue, Total Quantity and Total Orders:

SELECT TOP 5 pizza_name,
SUM(quantity) AS Total_Pizzas_Sold
FROM pizza_sales
GROUP BY pizza_name
ORDER BY SUM(quantity) ASC

■ Results			
	pizza_name	Total_Pizzas_Sold	
1	The Brie Carre Pizza	490	
2	The Mediterranean Pizza	934	
3	The Calabrese Pizza	937	
4	The Spinach Supreme Pizza	950	
5	The Soppressata Pizza	961	