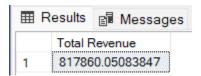
POWER BI PROJECT - PIZZA SALES DASHBOARD

A. KPI Requirements:

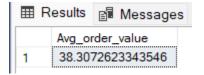
1. Total Revenue:

SELECT SUM(total_price) AS Total_Revenue FROM pizza_sales;



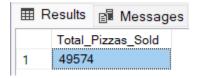
2. Average Order Value:

SELECT SUM(total_price) / COUNT(DISTINCT(order_id)) AS "Avg_order_value" FROM pizza_sales;



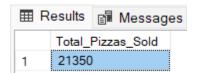
3. Total Pizzas Sold:

SELECT SUM(quantity) AS "Total_Pizzas_Sold" FROM pizza_sales;



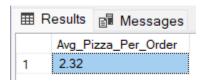
4. Total Orders:

SELECT COUNT(DISTINCT(order_id)) AS "Total_Pizzas_Sold" FROM pizza_sales;



5. Average Pizzas Per Order:

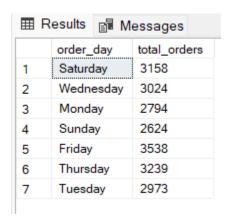
SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) /
CAST(COUNT(DISTINCT(order_id)) AS DECIMAL(10,2)) AS DECIMAL(10,2)) AS
"Avg_Pizza_Per_Order" FROM pizza_sales;



B. Chart 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);



2. Monthly Trends 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);



3. % of Sales by Pizza Category:

SELECT pizza_category, CAST(SUM(total_price) AS DECIMAL(10,2)) AS Total_Revenue, SUM(total_price) * 100 / (SELECT SUM(total_price) FROM pizza_sales) AS PCRT FROM pizza_sales
GROUP BY pizza_category;

⊞ Results					
	pizza_category	Total_Revenue	PCRT		
1	Classic	220053.10	26.9059602306976		
2	Chicken	195919.50	23.9551375322885		
3	Veggie	193690.45	23.6825910258677		
4	Supreme	208197.00	25.4563112111462		

4. % of Sales by Pizza Size:

SELECT pizza_size, CAST(SUM(total_price) AS DECIMAL(10,2)) AS

Total_Revenue, CAST(SUM(total_price) * 100 / (SELECT SUM(total_price))

FROM pizza_sales)

AS DECIMAL(10,2)) AS PCRT

FROM pizza_sales

GROUP BY pizza_size

ORDER BY pizza_size;

■ Results					
	pizza_	size	Total_Revenue	PCRT	
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	

5. Top 5 pizzas by revenue:

SELECT TOP 5 pizza_name, SUM(total_price) AS Total_Revenue FROM pizza_sales

GROUP BY pizza_name

ORDER BY Total_Revenue DESC;



6. Bottom 5 pizzas by revenue:

SELECT TOP 5 pizza_name, SUM(total_price) AS Total_Revenue FROM pizza_sales

GROUP BY pizza_name

ORDER BY Total_Revenue;



7. Top 5 pizzas by quantity:

SELECT TOP 5 pizza_name, SUM(quantity) AS Total_Quantity FROM pizza_sales

GROUP BY pizza_name ORDER BY Total_Quantity DESC;



8. Bottom 5 pizzas by quantity:

SELECT TOP 5 pizza_name, SUM(quantity) AS Total_Quantity FROM pizza_sales

GROUP BY pizza_name

ORDER BY Total_Quantity;

⊞ Results					
	pizza_name	Total_Quantity			
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			

9. Top 5 pizzas 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;



10. Bottom 5 pizzas 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;

