PIZZA SALES SQL QUERIES

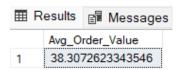## A. KPIs

1.Total Revenue:

SELECT SUM(total_price) AS Total_Revenue from [pizza_sales (1)]

	Total_Revenue
1	817860.05083847

2 . Average Order Value:

SELECT SUM(total_price) / COUNT (DISTINCT order_id) as Avg_Order_Value from [pizza_sales (1)]

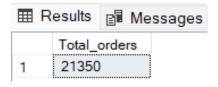|	Avg_Order_Value
1	38.3072623343546

3.Total Pizzas Sold:

SELECT SUM(quantity) AS Total_Pizzas_Sold from [pizza_sales (1)

	Total_Pizzas_Sold
1	49574

4.Total Orders:

SELECT COUNT(DISTINCT order_id) AS Total_orders from [pizza_sales (1)]

	Total_orders
1	21350

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_Pizzas_Per_Order from [pizza_sales (1)]

	Avg_Pizzas_Per_Order
1	2.32

B. 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 (1)]

GROUP BY DATENAME(DW,order_date)

	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 . Monthly Trend for Total Orders:

SELECT DATENAME(MONTH, order_date) AS Month_name, COUNT(DISTINCT order_id)AS Total_Orders FROM [pizza_sales (1)]

GROUP BY DATENAME(MONTH,order_date)

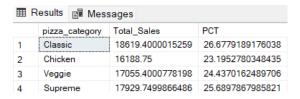|	Month_name	Total_Orders
1	February	1685
2	June	1773
3	August	1841
4	April	1799
5	May	1853
6	December	1680
7	January	1845
8	September	1661
9	October	1646
10	July	1935
11	November	1792
12	March	1840

3 . 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 (1)]WHERE MONTH(order_date) =1) AS PCT

FROM [pizza_sales (1)]

WHERE MONTH(order_date) =1

GROUP BY pizza_category

	pizza_category	Total_Sales	PCT
1	Classic	18619.4000015259	26.6779189176038
2	Chicken	16188.75	23.1952780348435
3	Veggie	17055.4000778198	24.4370162489706
4	Supreme	17929.7499866486	25.6897867985821

4 . 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 (1)]) AS DECIMAL(10,2))AS PCT

FROM [pizza_sales (1)]

GROUP BY pizza_size

ORDER BY PCT DESC

	pizza_size	Total_Sales	PCT
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 . Total Pizzas sold by Pizza category:

SELECT pizza_category,SUM(quantity)AS Total_Quantity_Sold

FROM [pizza_sales (1)]

WHERE MONTH(order_date) =2

GROUP BY pizza_category

ORDER BY Total_Quantity_Sold DESC

	pizza_category	Total_Quantity_Sold
1	Classic	1178
2	Supreme	964
3	Veggie	944
4	Chicken	875

6 . Top 5 Pizzas by Revenue:

SELECT TOP 5 pizza_name , SUM(total_price) AS Total_Revenue FROM [pizza_sales (1)]

GROUP BY pizza_name

ORDER BY Total_Revenue DESC

	pizza_name	Total_Revenue
1	The Thai Chicken Pizza	43434.25
2	The Barbecue Chicken Pizza	42768
3	The California Chicken Pizza	41409.5
4	The Classic Deluxe Pizza	38180.5
5	The Spicy Italian Pizza	34831.25

7 . Bottom 5 Pizzas by Revenue:

SELECT TOP 5 pizza_name , SUM(total_price) AS Total_Revenue FROM [pizza_sales (1)]

GROUP BY pizza_name

ORDER BY Total_Revenue ASC

	pizza_name	Total_Revenue
1	The Brie Carre Pizza	11588.4998130798
2	The Green Garden Pizza	13955.75
3	The Spinach Supreme Pizza	15277.75
4	The Mediterranean Pizza	15360.5
5	The Spinach Pesto Pizza	15596

8 . Top 5 Pizzas by Quantity:

SELECT TOP 5 pizza_name , SUM(quantity) AS Total_Quantity FROM [pizza_sales (1)]

GROUP BY pizza_name

ORDER BY Total_Quantity DESC

	pizza_name	Total_Quantity
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

9 . Bottom 5 Pizzas by Quantity:

SELECT TOP 5 pizza_name , SUM(quantity) AS Total_Quantity FROM [pizza_sales (1)]

GROUP BY pizza_name

ORDER BY Total_Quantity ASC

	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

10 . Top % Pizzas by Total Orders:

SELECT TOP 5 pizza_name , COUNT(DISTINCT order_id) AS Total_Orders FROM [pizza_sales (1)]

GROUP BY pizza_name

ORDER BY Total_Orders DESC

11 . Bottom 5 Pizzas by Total Orders:

SELECT TOP 5 pizza_name , COUNT(DISTINCT order_id) AS Total_Orders FROM [pizza_sales (1)]

GROUP BY pizza_name

ORDER BY Total_Orders ASC