Pizza Sales Project (SQL Queries)

Over-Viewing the Data

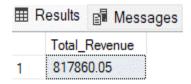
select * from [dbo].[Pizza_Sales]

KPI's Requirement

1. Total Revenue

Select Cast(sum(total_price) as Decimal (10,2)) As Total_Revenue From [dbo].[Pizza_Sales]

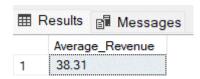
OUTPUT



2. Average Order Value

Select Cast(SUM(total_price) / Count(Distinct order_id) as Decimal(10,2)) as Average Revenue From Pizza_Sales

OUTPUT

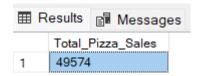


3. Total Pizza Sold

select Sum(quantity) as Total_Pizza_Sales

from [My Data Base]..Pizza Sales

OUTPUT

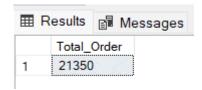


4. Total Orders

Select COUNT(Distinct order id) As Total Order

from [My Data Base]..Pizza Sales

OUTPUT



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 Average_Pizza_Per_Order

from Pizza Sales

OUTPUT



Business Insights Report

1. Daily Trend For Total Orders

select DATENAME(Dw,order_date) as Day, COUNT(Distinct order_id) As Total_order from Pizza_Sales Group By Datepart(Dw,order_date),DATENAME(Dw,order_date) order by Datepart(Dw,order_date)

OUTPUT

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

2. Monthly Trend For Total Orders

```
select DATENAME(MONTH,order_date) as Month, COUNT(Distinct
order_id) As Total_order
from Pizza_Sales Group By
Datepart(MONTH,order_date),DATENAME(MONTH,order_date)
order by Datepart(MONTH,order_date)
```

OUTPUT

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

3. Percentage of Sales by Pizza Category

select pizza_category as Pizza_Category,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 Percentage By Sales

from Pizza_Sales group by pizza_category

order by Percentage_By_Sales

OUTPUT

⊞ Results			
	Pizza_Category	Total_Sales	Percentage_By_Sales
1	Veggie	193690.45	23.68
2	Chicken	195919.50	23.96
3	Supreme	208197.00	25.46
4	Classic	220053.10	26.91

4. Percentage of Sales by Pizza Size

select pizza_size as 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 Percentage_By_Sales from Pizza_Sales group by pizza_size order by Percentage By Sales desc

OUTPUT

Ⅲ F	Results 📳 N	Messages	
	Pizza_Size	Total_Sales	Percentage_By_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

5. Total Pizzas Sold by Pizza Category

select pizza_category as Pizza_Category, SUM(quantity) as Total_Pizzas_Sold from Pizza_Sales group by pizza_category order by Total_Pizzas_Sold Desc

OUTPUT

■ Results		
	Pizza_Category	Total_Pizzas_Sold
1	Classic	14888
2	Supreme	11987
3	Veggie	11649
4	Chicken	11050

6. Top Five Pizza by Total Revenue

select Top 5 pizza_name as Pizza_Name,CAST(SUM(total_price) as decimal(10,2)) as Total_Revenue from Pizza_Sales group by pizza_name order by Total_Revenue Desc

OUTPUT

⊞ F	Results 🗐 Messages	
	Pizza_Name	Total_Revenue
1	The Thai Chicken Pizza	43434.25
2	The Barbecue Chicken Pizza	42768.00
3	The California Chicken Pizza	41409.50
4	The Classic Deluxe Pizza	38180.50
5	The Spicy Italian Pizza	34831.25

Top Five Pizza by Total Quantity

select Top 5 pizza_name as Pizza_Name,SUM(quantity) as Total_Quantity from Pizza_Sales group by pizza_name order by Total_Quantity desc

OUTPUT



Top Five Pizza by Total Orders

select Top 5 pizza_name as Pizza_Name, Count(Distinct order_id) as Total_Order

from Pizza_Sales

group by pizza_name

order by Total_Order desc

OUTPUT

III	Results 🗐 Messages	
	Pizza_Name	Total_Order
1	The Classic Deluxe Pizza	2329
2	The Hawaiian Pizza	2280
3	The Pepperoni Pizza	2278
4	The Barbecue Chicken Pizza	2273
5	The Thai Chicken Pizza	2225

7. Bottom Five Pizza by Total Revenue

select TOP 5 pizza_name as Pizza_Name,CAST(SUM(total_price) as decimal(10,2)) as Total_Revenue

from Pizza_Sales
group by pizza_name
order by Total_Revenue

OUTPUT

Results		
	Pizza_Name	Total_Revenue
1	The Brie Carre Pizza	11588.50
2	The Green Garden Pizza	13955.75
3	The Spinach Supreme Pizza	15277.75
4	The Mediterranean Pizza	15360.50
5	The Spinach Pesto Pizza	15596.00

Bottom Five Pizza by Total Quantity

select Top 5 pizza_name as Pizza_Name,SUM(quantity) as Total_Quantity from Pizza_Sales group by pizza_name order by Total_Quantity

OUTPUT



Bottom Five Pizza by Total Orders

select Top 5 pizza_name as Pizza_Name, Count(Distinct order_id) as Total_Order

from Pizza_Sales

group by pizza name

order by Total_Order

OUTPUT

