PIZZA SALES SQL QUERIES

A. KPI's

1. Total Revenue:

SELECT SUM(total_price) AS Total_Revenue FROM pizza_sales;

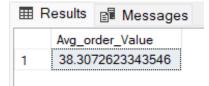
Results Messages

Total_Revenue

1 817860.05083847

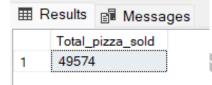
2. Average Order Value

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



3. Total Pizzas Sold

SELECT SUM(quantity) AS Total_pizza_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 DECIMAL(10,2))

AS Avg_Pizzas_per_order

FROM pizza_sales



B. 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)

Output:

■ 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	

C. Monthly Trend for 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)

Output:

■ Results		
	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

D. % of Sales by Pizza Category

```
SELECT pizza_category, 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 PCT
FROM pizza_sales
GROUP BY pizza_category
```

Output:

⊞ Results			
	pizza_category	total_revenue	PCT
1	Supreme	208197.00	25.46
2	Classic	220053.10	26.91
3	Veggie	193690.45	23.68
4	Paneer	195919.50	23.96

E. % of Sales by Pizza Sizee

```
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 PCT
FROM pizza_sales
GROUP BY pizza_size
ORDER BY pizza size
```

Output:

⊞ Results			
	pizza_size	total_revenue	PCT
1	L	375318.70	45.89
2	М	249382.25	30.49
3	S	178076.50	21.77
4	XL	14076.00	1.72
5	XXL	1006.60	0.12

F. Total Pizzas Sold by Pizza Category

```
SELECT pizza_category, SUM(quantity) as Total_Quantity_Sold
FROM pizza_sales
WHERE MONTH(order_date) = 2
GROUP BY pizza_category
ORDER BY Total_Quantity_Sold DESC
```

Output:

⊞ Results		
	pizza_category	Total_Quantity_Sold
1	Classic	1178
2	Supreme	964
3	Veggie	944
4	Paneer	875

G. 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

Output:



H. 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 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

I. Top 5 Pizzas by Quantity

SELECT Top 5 pizza_name, SUM(quantity) AS Total_Pizza_Sold
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Pizza_Sold DESC

Output:

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

J. Bottom 5 Pizzas by Quantity

SELECT TOP 5 pizza_name, SUM(quantity) AS Total_Pizza_Sold

FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Pizza_Sold ASC

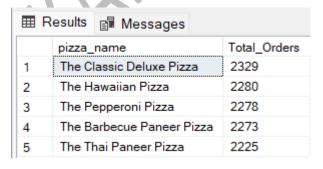
Output:

⊞ Results		
	pizza_name	Total_Pizza_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

K. Top 5 Pizzas by Total 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

Output:



L. Borrom 5 Pizzas by Total Orders

SELECT Top 5 pizza_name, COUNT(DISTINCT order_id) AS Total_Orders FROM pizza_sales

```
GROUP BY pizza_name
ORDER BY Total_Orders ASC
Output:
```

⊞ Results		
	pizza_name	Total_Orders
1	The Brie Carre Pizza	480
2	The Mediterranean Pizza	912
3	The Spinach Supreme Pizza	918
4	The Calabrese Pizza	918
5	The Paneer Pesto Pizza	938



If you want to apply the pizza_category or pizza_size filters to the above queries you can use WHERE clause. Follow some of below examples

```
SELECT Top 5 pizza_name, COUNT(DISTINCT order_id) AS Total_Orders
FROM pizza_sales
WHERE pizza_category = 'Classic'
GROUP BY pizza_name
ORDER BY Total_Orders
```

Output:

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⊞ R	esults 🗐 Messages	
	pizza_name	Total_Orders
1	The Pepperoni, Mushroom, and Peppers Pizza	1316
2	The Greek Pizza	1361
3	The Italian Capocollo Pizza	1380
4	The Napolitana Pizza	1421
5	The Big Meat Pizza	1811