PIZZA SALES SQL QUERIES



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;



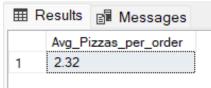
4. Total Orders

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 order_month, COUNT(DISTINCT order_id) AS total_orders FROM pizza_sales group by DATENAME(month, order_date);
```

<u>Output</u>

	order_month	_
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

<u>Output</u>

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

E. % 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 PCT FROM pizza_sales
GROUP BY pizza_size
ORDER BY pizza size
```

<u>Output</u>

⊞ Results			
	pizza_size	total_revenue	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

F. Total Pizzas Sold by Pizza Category

SELECT pizza_category, SUM(quantity) AS Total_Quantity_Sold FROM pizza_sales

GROUP BY pizza_category

ORDER BY Total_Quantity_Sold DESC

<u>Output</u>

■ Results			
	pizza_category	Total_Quantity_Sold	
1	Classic	14888	
2	Supreme	11987	
3	Veggie	11649	
4	Chicken	11050	

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

	Results 🗐 Messages	
	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

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

<u>Output</u>

	pizza_name	Total_Pizza_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

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

≡	Results 📳 N	lessages	
	pizza_name		Total_Orders
1	The Classic [Deluxe Pizza	2329
2	The Hawaiia	n Pizza	2280
3	The Peppero	ni Pizza	2278
4	The Barbecu	e Chicken Pizza	2273
5	The Thai Chi	cken Pizza	2225

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

■ 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 Chicken Pesto Pizza	938		

NOTE

If we want to apply the pizza_category or pizza_size filters to the above queries you can use the WHERE clause. Date functions can be added to filter a particular time period.

```
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 ASC
```