## **Pizza Sales SQL Queries**

## 1. Some of the KPIs:

```
-- 1.1. What is the total number of orders?

SELECT

COUNT(DISTINCT order_id) AS Total_Orders

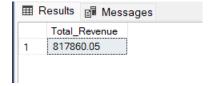
FROM

pizza_sales

Results Messages

Total_Orders
1 21350
```

```
-- 1.2. What is the total revenue of all orders?
SELECT
    ROUND(SUM(total_price), 2) AS Total_Revenue
FROM
    pizza_sales
```



```
-- 1.3. What is the average price per order?
SELECT
     ROUND(SUM(total_price) / COUNT(DISTINCT order_id), 2) AS
Avg Order Price
FROM
     pizza sales
Avg_Order_Value
   38.31
-- 1.4. What is the total number of pizzas sold?
SELECT
     SUM(quantity) AS Total_Pizzas_Sold
FROM
     pizza_sales
Total_Pizzas_Sold
   49574
-- 1.5. What is the average number of pizzas sold per order?
SELECT
    ROUND(CAST(SUM(quantity) AS float) / CAST(COUNT(DISTINCT
order_id) AS float), 2) AS Avg_pizzas_Per_Order
FROM
    pizza_sales
Avg_pizzas_Per_Order
   2.32
```

```
-- 2. What are the total orders by daily trend?

SELECT

DATENAME(DW, order_date) AS Day_Name,
COUNT(DISTINCT order_id) AS Total_Orders

FROM

pizza_sales

GROUP BY
DATENAME(DW, order_date)

ORDER BY
Total_Orders DESC;
```



-- 3. What are the total orders by monthly trend?

SELECT

DATENAME(M, order\_date) AS Month\_Name,

COUNT(DISTINCT order\_id) AS Total\_Orders

FROM

pizza\_sales

GROUP BY

DATENAME(M, order\_date)

ORDER BY



Total\_Orders DESC;

```
-- 4. What are the total and percentage of sales by pizza category?

SELECT

pizza_category,

ROUND(SUM(total_price), 2) AS Total_Sales,

ROUND((SUM(total_price) / (SELECT SUM(total_price) from pizza_sales) * 100), 2) AS PCT_of_Sales

FROM

pizza_sales

GROUP BY

pizza_category

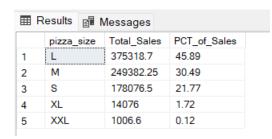
ORDER BY

Total_Sales DESC;

BResults BRESS Messages

pizza_category Total_Sales PCT_of_Sales
```

-- 5. What are the total and percentage of sales by pizza size?
SELECT
 pizza\_size,
 ROUND(SUM(total\_price), 2) AS Total\_Sales,
 ROUND((SUM(total\_price) / (SELECT SUM(total\_price) from
pizza\_sales) \* 100), 2) AS PCT\_of\_Sales
FROM
 pizza\_sales
GROUP BY
 pizza\_size
ORDER BY



Total Sales DESC;

220053.1

208197

195919.5

193690.45 23.68

Classic

3

Supreme

Chicken Veggie 26.91

25.46

23.96

```
-- 6. What are the total and percentage number of pizzas sold by
pizza category?
SELECT
    pizza_category,
    SUM(quantity) AS Total_Quantity_Sold,
    ROUND((CAST(SUM(quantity) AS float) / (SELECT)
SUM(quantity) from pizza_sales) * 100), 2) AS
PCT_Quantity_Sold
FROM
    pizza_sales
GROUP BY
    pizza_category
ORDER BY
    Total_Quantity_Sold DESC;
```

	Results 🗐 Mes	-	
	pizza_category	Total_Quantity_Sold	PCT_Quantity_Sold
1	Classic	14888	30.03
2	Supreme	11987	24.18
3	Veggie	11649	23.5
4	Chicken	11050	22.29

```
-- 7. What are the highest 5 selling pizzas by revenue?
SELECT TOP 5
    pizza_name,
    ROUND(SUM(total_price), 2) AS Total_Revenue
FROM
    pizza_sales
GROUP BY
    pizza_name
ORDER BY
    Total Revenue DESC;
```



```
-- 8. What are the lowest 5 selling pizzas by revenue?

SELECT TOP 5
    pizza_name,
    ROUND(SUM(total_price), 2) AS Total_Revenue

FROM
    pizza_sales

GROUP BY
    pizza_name

ORDER BY
    Total_Revenue ASC;
```

⊞ F	Results Messages	
	pizza_name	Total_Revenue
1	The Brie Carre Pizza	11588.5
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

```
-- 9. What are the highest 5 selling 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;
```



```
-- 10. What are the lowest 5 selling pizzas by quantity?

SELECT TOP 5
    pizza_name,
    SUM(quantity) AS Total_Quantity

FROM
    pizza_sales

GROUP BY
    pizza_name

ORDER BY
    Total_Quantity ASC;
```



```
-- 11. What are the highest 5 selling pizzas by order?
SELECT TOP 5
    pizza_name,
    COUNT(DISTINCT order_id) AS Total_Orders
FROM
    pizza_sales
GROUP BY
    pizza_name
ORDER BY
    Total_Orders DESC;
```



```
-- 12. What are the lowest 5 selling pizzas by order?

SELECT TOP 5
    pizza_name,
    COUNT(DISTINCT order_id) AS Total_Orders

FROM
    pizza_sales

GROUP BY
    pizza_name

ORDER BY
    Total_Orders ASC;
```



```
-- 13. What is the total sales and percentage by pizza category of
'Classic' regarding pizza size?
SELECT
     pizza category,
     pizza size,
     ROUND(SUM(total_price), 2) AS Total_Sales,
     ROUND((SUM(total_price) / (SELECT SUM(total_price) from
pizza sales) * 100), 2) AS PCT of Sales
FROM
     pizza_sales
WHERE
     pizza_category = 'Classic'
GROUP BY
     pizza_category,
     pizza_size
ORDER BY
     Total_Sales DESC;
```

⊞ Results					
	pizza_category	pizza_size	Total_Sales	PCT_of_Sales	
1	Classic	L	74518.5	9.11	
2	Classic	S	69870.25	8.54	
3	Classic	M	60581.75	7.41	
4	Classic	XL	14076	1.72	
5	Classic	XXL	1006.6	0.12	

```
-- 14. What is the total and percentage of sales by pizza
category regarding pizza size?
SELECT
    pizza_category,
    pizza_size,
    ROUND(SUM(total_price), 2) AS Total_Sales,
    ROUND((SUM(total_price) / (SELECT SUM(total_price) from
pizza_sales) * 100), 2) AS PCT_of_Sales
FROM
    pizza_sales
GROUP BY
    pizza_category,
    pizza_size
ORDER BY
    Total Sales DESC;
```

	pizza_category	pizza_size	Total_Sales	PCT_of_Sales
1	Veggie	L	104202.7	12.74
2	Chicken	L	102339	12.51
3	Supreme	L	94258.5	11.53
4	Classic	L	74518.5	9.11
5	Classic	S	69870.25	8.54
6	Supreme	M	66475	8.13
7	Chicken	M	65224.5	7.98
8	Classic	M	60581.75	7.41
9	Veggie	M	57101	6.98
10	Supreme	S	47463.5	5.8
11	Veggie	S	32386.75	3.96
12	Chicken	S	28356	3.47
13	Classic	XL	14076	1.72
14	Classic	XXL	1006.6	0.12