

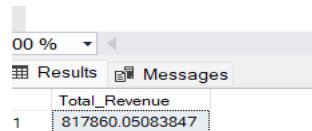
Pizza Sales SQL Queries

KPI's

1) Total Revenue -

Query - `select sum(total_price) as Total_Revenue from pizza_sales`

Output -



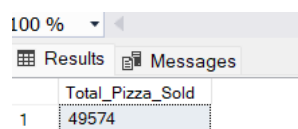
A screenshot of a SQL query results window. At the top, there is a zoom level dropdown set to '100 %' and a scroll bar. Below this are two tabs: 'Results' (active) and 'Messages'. The 'Results' tab shows a single row with the column header 'Total_Revenue' and the value '817860.05083847'.

	Total_Revenue
1	817860.05083847

2) Total Pizzas Sold -

Query - `select sum(quantity) as Total_Pizza_Sold from pizza_sales`

Output-



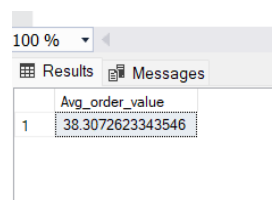
A screenshot of a SQL query results window. At the top, there is a zoom level dropdown set to '100 %' and a scroll bar. Below this are two tabs: 'Results' (active) and 'Messages'. The 'Results' tab shows a single row with the column header 'Total_Pizza_Sold' and the value '49574'.

	Total_Pizza_Sold
1	49574

3) Average Order Value -

Query - `select sum(total_price) / count(distinct order_id) as Avg_order_value from pizza_sales`

Output –



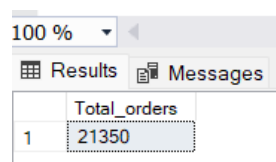
A screenshot of a SQL query results window. At the top, there is a zoom level dropdown set to '100 %' and a scroll bar. Below this are two tabs: 'Results' (active) and 'Messages'. The 'Results' tab shows a single row with the column header 'Avg_order_value' and the value '38.3072623343546'.

	Avg_order_value
1	38.3072623343546

4) Total Orders –

Query - `select count(distinct order_id) as Total_orders from pizza_sales`

Output –



A screenshot of a SQL query results window. At the top, there is a zoom level dropdown set to '100 %' and a scroll bar. Below this are two tabs: 'Results' (active) and 'Messages'. The 'Results' tab shows a single row with the column header 'Total_orders' and the value '21350'.

	Total_orders
1	21350

5) Average Pizzas Per Order –

Query- `select sum(quantity) / count(distinct order_id) as Avg_pizza_per_order from pizza_sales`

Output-

100 %	Results	Messages
Avg_pizza_per_order		
1	2	

Charts –

1) Daily Trends for Total Orders –

Query – `select DATENAME(dw,order_date) as Order_Day, count(distinct order_id) as Total_Orders from pizza_sales group by DATENAME(dw,order_date)`

Ouput –

100 %	Results	Messages
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 Trends For Total Orders –

Query – `select DATENAME(month,order_date) as Order_Month, count(distinct order_id) as Total_Orders from pizza_sales group by DATENAME(month,order_date)`

Output –

Results	Messages
Order_Month	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 –

Query – `select pizza_category , CAST(sum(total_price)AS DECIMAL(10,2))as total_sales ,
sum(total_price)*100/
(select sum(total_price) from pizza_sales) as Percentage_of_Sales from pizza_sales
group by pizza_category`

Output –

	pizza_category	total_sales	Percentage_of_Sales
1	Classic	220053.10	26.9059602306976
2	Chicken	195919.50	23.9551375322885
3	Veggie	193690.45	23.6825910258677
4	Supreme	208197.00	25.4563112111462

4)Percentage of Sales by Pizza Size –

Query – `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) as decimal(10,2))
as Percentage_of_Sales from pizza_sales
group by pizza_size`

Output-

	pizza_size	Total_Sales	Percentage_of_Sales
1	L	375318.70	45.89
2	XXL	1006.60	0.12
3	M	249382.25	30.49
4	XL	14076.00	1.72
5	S	178076.50	21.77

5)Total Pizza Sold by Pizza Category –

Query – `select pizza_category , sum(quantity) as Total_pizza_sold from pizza_sales
group by pizza_category`

Output –

	pizza_category	Total_pizza_sold
1	Classic	14888
2	Chicken	11050
3	Veggie	11649
4	Supreme	11987

6)Top 5 Best Seller by Revenue ,Total Quantity ,Total Orders –

a) Top 5 Best Seller by Revenue –

Query – `select top 5 pizza_name, sum(total_price) as Total_Revenue from pizza_sales
group by pizza_name
order by Total_Revenue desc`

Output –

	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

b) Top 5 Best Seller by Total Quantity –

Query – `select top 5 pizza_name , sum(quantity) as Total_Quantity from pizza_sales
group by pizza_name
order by Total_Quantity desc`

Output –

	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

c) Top 5 Best Seller by Total Orders –

Query – `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 –

	pizza_name	Total_Orders
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 5 Best Seller By Revenue , Total Quantity , Total Orders –

a)Bottom 5 Best Seller by Revenue –

Query – `select top 5 pizza_name, sum(total_price) as Total_Revenue from pizza_sales
group by pizza_name
order by Total_Revenue asc`

Output –

	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

b)Bottom 5 Best Seller by Total Quantity –

Query – `select top 5 pizza_name , sum(quantity) as Total_Quantity from pizza_sales
group by pizza_name
order by Total_Quantity asc`

Output –

	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

c)Bottom 5 Best Seller by Total Orders –

Query – `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 –

	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

