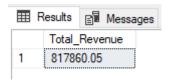
PROBLEM STATEMENT (SQL QUERIES)

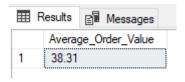
1. Total Revenue → Sum of total price of all pizza orders.

select round(sum(total_price),2) Total_Revenue from pizza_sales



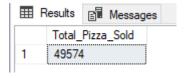
2. Average Order Value → Divide total revenue by total number of orders.

select round(sum(total_price)/count(distinct order_id),2) Average_Order_Value from pizza_sales



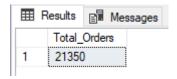
3. Total Pizzas Sold → Sum of quantities of all pizzas.

select sum(quantity) Total Pizza Sold from pizza sales



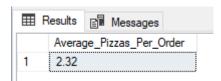
4. Total Orders → Total orders placed.

select count(distinct order_id) Total_Orders from pizza_sales



5. Average Pizzas per Order → Divide total number of pizzas sold by total number of orders.

select cast(cast(sum(quantity) as decimal(10,2))/count(distinct order_id) as decimal(10,2)) Average_Pizzas_Per_Order from pizza_sales



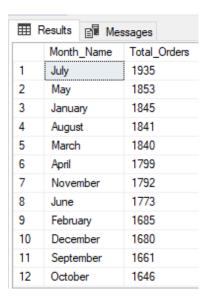
6. Daily Trend for Total Orders → Shows how many orders are placed on each day (i.e., Saturday, Sunday, Monday, etc.)

select DATENAME(dw, order_date) Order_Date, COUNT(distinct order_id) Total_Orders from pizza_sales group by DATENAME(dw, order_date)



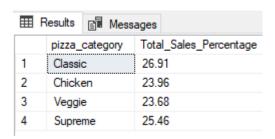
7. Monthly Trend for Total Orders → Shows how many orders are placed on each month (i.e., January, February, etc.)

select DATENAME(month, order_date) Month_Name, COUNT(distinct order_id) Total_Orders from pizza_sales group by DATENAME(month, order_date) order by Total_Orders desc



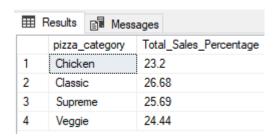
8. Percentage of Sales by Pizza Category →

select pizza_category, round(sum(total_price)*100/(select sum(total_price) from pizza_sales),2) Total_Sales_Percentage from pizza_sales group by pizza_category



9. Percentage of Sales by Pizza Category for the month of January →

select pizza_category, round(sum(total_price)*100/(select sum(total_price) from pizza_sales where datename(month, order_date)='January'),2) Total_Sales_Percentage from pizza_sales where datename(month, order_date)='January' group by pizza_category



10. Percentage of Sales by Pizza Size →

select pizza_size, round(sum(total_price)*100/(select sum(total_price) from pizza_sales),2) Total_Sales_Percentage from pizza_sales group by pizza_size

Results Results				
	pizza_size		Total_Sales_Percentage	
1	L		45.89	
2	XXL		0.12	
3	M		30.49	
4	XL		1.72	
5	S		21.77	

11. Top 5 best sellers by Revenue →

select top 5 pizza_name, sum(total_price) Total_Price from pizza_sales group by pizza_name order by Total Price desc



12. Top 5 best sellers by Total Quantity →

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



13. Top 5 best sellers by Total Orders →

select top 5 pizza_name, COUNT(distinct order_id) Total_Orders from pizza_sales group by pizza_name order by Total_Orders desc

⊞ Results				
	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		

14. Bottom 5 worst sellers by Revenue >

select top 5 pizza_name, sum(total_price) Total_Revenue from pizza_sales group by pizza_name order by Total Revenue asc



15. Bottom 5 worst sellers by Total Quantity →

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



16. Bottom 5 worst sellers by Total Orders →

select top 5 pizza_name, COUNT(distinct order_id) Total_Orders from pizza_sales group by pizza_name order by Total_Orders asc

