PIZZA SALES SQL QUARIES

A) KPI'S

1. Total Revenue

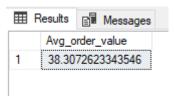
SELECT SUM(total_price) AS Total_Revenue fROM pizza_sales

Results Messages

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Total_Revenue				
1	817860.05083847			
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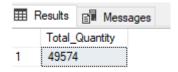
2. Avg order value

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



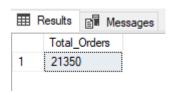
3. Total Quantity of pizza

SELECT SUM(quantity) AS Total_Quantity FROM pizza_sales



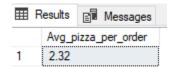
4. Total Orders

SELECT COUNT(DISTINCT(order_id)) AS Total_Orders FROM pizza_sales



5. Avg pizza per order

 $\begin{array}{lll} \textbf{SELECT} & \textbf{CAST}(\textbf{CAST}(\textbf{SUM}(\textbf{quantity}) \ \textbf{AS} \ \ \textbf{DECIMAL}(10,2)) \ / \ \ \textbf{CAST}(\textbf{COUNT}(\textbf{DISTINCT}(\textbf{order_id})) \ \ \textbf{AS} \ \ \textbf{DECIMAL}(10,2)) \ \ \textbf{AS} \ \ \textbf{Avg_pizza_per_order} \ \ \textbf{FROM} \ \ \textbf{pizza_sales} \\ \end{array}$



B) Hourly trend for pizza sold

SELECT DATEPART(HOUR, order_time) as order_hour, SUM(quantity) as Total_pizza_sold FROM pizza_sales GROUP BY DATEPART(HOUR, order_time) ORDER BY DATEPART(HOUR, order_time)

■ Results				
	order_hour	Total_pizza_sold		
1	9	4		
2	10	18		
3	11	2728		
4	12	6776		
5	13	6413		
6	14	3613		
7	15	3216		
8	16	4239		
9	17	5211		
10	18	5417		
11	19	4406		
12	20	3534		
13	21	2545		
14	22	1386		
15	23	68		

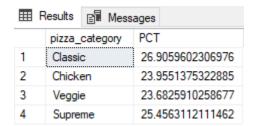
C) Weekly trend for total orders

SELECT DATEPART(ISO_WEEK, order_date) as Week_number, COUNT(DISTINCT order_id) as Total_order FROM pizza_sales GROUP BY DATEPART(ISO_WEEK, order_date) ORDER BY DATEPART(ISO_WEEK, order_date)

⊞ Results				
	Week_number	Total_order		
1	1	254		
2	2	427		
3	3	400		
4	4	415		
5	5	436		
6	6	422		
7	7	423		
8	8	393		
9	9	409		
10	10	420		
11	11	404		
12	12	416		
13	13	427		
14	14	433		
15	15	408		
16	16	414		
17	17	437		
18	18	423		
19	19	399		
20	20	458		

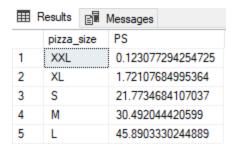
D) Percentage of Sales by Pizza Category

SELECT pizza_category, sum(total_price) * 100 / (SELECT SUM(total_price) FROM pizza_sales) PCT FROM pizza_sales GROUP BY pizza_category



E) Percentage of Sales by Pizza Category

SELECT pizza_size, SUM(total_price)*100 / (SELECT SUM(total_price) FROM pizza_sales) PS FROM pizza_sales GROUP BY pizza_size order by PS



F) 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



G) 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



H) Top 5 Pizzas by Quantity

SELECT TOP 5 pizza_name, SUM(quantity) Total_Sold_Pizza FROM pizza_sales GROUP BY pizza_name ORDER BY Total_Sold_Pizza DESC



I) Bottom 5 Pizzas by Quantity

SELECT TOP 5 pizza_name, SUM(quantity) Total_Sold_Pizza FROM pizza_sales GROUP BY pizza_name ORDER BY Total_Sold_Pizza ASC



J) Top 5 Pizzas by Total Orders

SELECT TOP 5 pizza_name, COUNT(DISTINCT order_id) AS Total_order FROM pizza_sales GROUP BY pizza_name ORDER BY Total_order DESC



H) Bottom 5 Pizzas by Total Orders

SELECT TOP 5 pizza_name, COUNT(DISTINCT order_id) AS Total_order FROM pizza_sales GROUP BY pizza_name ORDER BY Total_order ASC

⊞ Results				
pizza_name		Total_order		
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 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 ASC
```