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## PIZZA SALES SQL QUERIES

### A. KPI'S:-

#### 1.Total Revenue:-

```
SELECT SUM(total_price) as total_revenue from pizza_sales;
```

**Output:-**

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;
```

**Output:-**

Results		Messages
	Avg_Order_Value	
1	38.3072623343546	

### 3.Total Pizza Sold:-

```
SELECT SUM(quantity) AS Total_Pizza_Sold FROM pizza_sales;
```

Output:-

Results Messages	
	Total_Pizza_Sold
1	49574

### 4.Total Orders:-

```
SELECT COUNT(DISTINCT order_id) as Total_Orders FROM pizza_sales;
```

Output:-

Results Messages	
	Total_Orders
1	21350

### 5.Avgerage Pizzas Per Orders:-

```
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;
```

Output:-

Results Messages	
	Avg_Pizzas_Per_Order
1	2.32

## 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:-**

	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 Month_name,  
COUNT(DISTINCT order_id) AS Total_orders  
FROM pizza_sales  
GROUP BY DATENAME(MONTH, order_date)  
ORDER BY Total_orders DESC;
```

## Output:-

	Month_name	Total_orders
1	July	1935
2	May	1853
3	January	1845
4	August	1841
5	March	1840
6	April	1799
7	November	1792
8	June	1773
9	February	1685
10	December	1680
11	September	1661
12	October	1646

## D.% Sales By Pizza Category:-

```
SELECT pizza_category, SUM(total_price) * 100 / (SELECT SUM(total_price)
FROM pizza_sales) AS PCT
FROM pizza_sales
GROUP BY pizza_category;
```

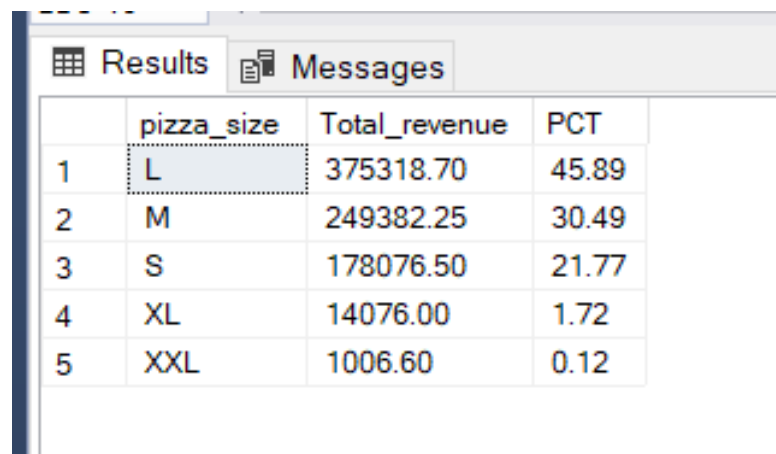
## Output:-

	pizza_category	PCT
1	Classic	26.9059602306976
2	Chicken	23.9551375322885
3	Veggie	23.6825910258677
4	Supreme	25.4563112111462

## E. % 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 ;
```

### Output:-



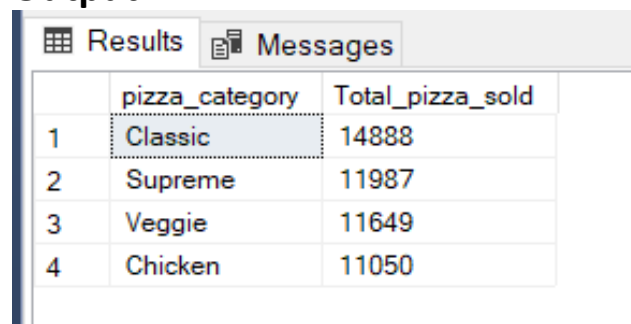
The screenshot shows a SQL query results window with two tabs: 'Results' and 'Messages'. The 'Results' tab is active, displaying a table with four columns: an index, 'pizza\_size', 'Total\_revenue', and 'PCT'. The table contains five rows of data for pizza sizes L, M, S, XL, and XXL, ordered by size. The 'Total\_revenue' values are 375318.70, 249382.25, 178076.50, 14076.00, and 1006.60 respectively. The 'PCT' values are 45.89, 30.49, 21.77, 1.72, and 0.12 respectively.

	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 Pizza Sold By Pizza Category:-

```
SELECT pizza_category, SUM(quantity) AS Total_pizza_sold  
FROM pizza_sales  
GROUP BY pizza_category  
ORDER BY Total_pizza_sold DESC;
```

### Output:-



The screenshot shows a SQL query results window with two tabs: 'Results' and 'Messages'. The 'Results' tab is active, displaying a table with two columns: 'pizza\_category' and 'Total\_pizza\_sold'. The table contains four rows of data for categories Classic, Supreme, Veggie, and Chicken, ordered by total pizza sold in descending order. The 'Total\_pizza\_sold' values are 14888, 11987, 11649, and 11050 respectively.

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

## G. TOP 5 Pizza 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 ;
```

### 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

## H. Bottom 5 Pizza 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;
```

### 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

## I.TOP 5 Pizza 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;
```

**Output:-**

Results Messages		
	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 Pizza 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 Messages		
	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 Pizza 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;
```

**Output:-**

Results Messages		
	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

## L. Bottom 5 Pizza 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;
```

**Output:-**

Results Messages		
	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