## **PIZZA SALES SQL QUERIES**

### A. KPI's

#### 1. Total Revenue:

SELECT SUM(total\_price) AS Total\_Revenue FROM pizza\_sales;

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



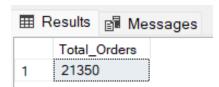
#### 3. Total Pizzas Sold

SELECT SUM(quantity) AS Total\_pizza\_sold FROM pizza\_sales



#### 4. Total Orders

SELECT COUNT(DISTINCT order\_id) AS Total\_Orders FROM pizza\_sales



### 5. Average Pizzas Per Order

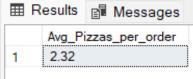
AS Avg\_Pizzas\_per\_order

SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) /
CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS DECIMAL(10,2))

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FROM pizza\_sales

Results Messa



## **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:**

■ Results				
	order_d	ay	total_orde	ers
1	Saturda	ay	3158	
2	Wedne	sday	3024	
3	Monda	y	2794	
4	Sunday	,	2624	
5	Friday		3538	
6	Thursda	ау	3239	
7	Tuesda	у	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)
```

⊞ Results 🖺 Messages				
	Month_Name	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		

## D. % of Sales by Pizza Category

```
SELECT pizza_category, 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_category
```

#### <u>Output</u>

<b>Ⅲ</b> F	■ Results			
	pizza_category	total_revenue	PCT	
1	Classic	220053.10	26.91	
2	Chicken	195919.50	23.96	
3	Veggie	193690.45	23.68	
4	Supreme	208197.00	25.46	

## E. % of 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
```

■ Results			
	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 Pizzas Sold by Pizza Category

```
SELECT pizza_category, SUM(quantity) as Total_Quantity_Sold
FROM pizza_sales
WHERE MONTH(order_date) = 2
GROUP BY pizza_category
ORDER BY Total_Quantity_Sold DESC
```

### **Output**

<b>   </b>	Results 🗐 Mess	sages
	pizza_category	Total_Quantity_Sold
1	Classic	14888
2	Supreme	11987
3	Veggie	11649
4	Chicken	11050

### G. 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
```



## H. 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
```

### **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 Pizzas 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

	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 Pizzas 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				
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 Pizzas 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
```

<b></b>	Results	■ Messages	
	pizza_	name	Total_Orders
1	The Cl	assic Deluxe Pizza	2329
2	The H	awaiian Pizza	2280
3	The Pe	epperoni Pizza	2278
4	The Ba	arbecue Chicken Pizza	2273
5	The Th	nai Chicken Pizza	2225

# L. Bottom 5 Pizzas 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
```

### <u>Output</u>

⊞ R	esults 🖺 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