# **PIZZA SALES SQL QUERIES**

## A. KPI's

#### 1. Total Revenue:

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

Data Output Messages

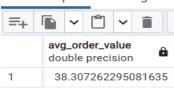
total\_revenue
double precision

1 817860.049999993

## 2. Average Order Value

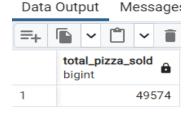
SELECT (SUM(total\_price) / COUNT(DISTINCT order\_id)) AS Avg\_order\_Value
FROM pizza\_sales

Data Output Messages



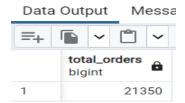
#### 3. Total Pizzas Sold

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



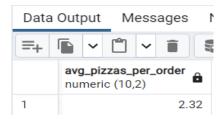
## 4. Total Orders

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



### 5. Average Pizzas Per Order

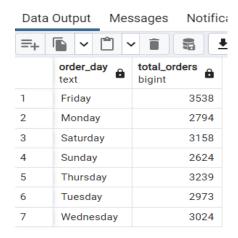
```
SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) /
CAST(COUNT(DISTINCT order_id) AS DECIMAL(10,2)) AS DECIMAL(10,2))
AS Avg_Pizzas_per_order
FROM pizza_sales
```



# **B. Daily Trend for Total Orders**

```
SELECT TO_CHAR(order_date, 'Day') AS order_day, COUNT(DISTINCT order_id)
AS total_orders
FROM pizza_sales
GROUP BY TO_CHAR(order_date, 'Day')
```

## **Output:**



# **C. Monthly Trend for Orders**

```
SELECT TO_CHAR(order_date, 'Month') AS order_day, COUNT(DISTINCT order_id)
AS total_orders
FROM pizza_sales
GROUP BY TO_CHAR(order_date, 'Month')
```



## 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>

Data Output Messages Notifications				
	pizza_category character varying (50)	total_revenue numeric (10,2)	pct numeric (10,2)	
1	Supreme	208197.00	25.46	
2	Chicken	195919.50	23.96	
3	Veggie	193690.45	23.68	
4	Classic	220053.10	26.91	

## 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
```

#### Output

Data Output		_ M	Messages			Notifications						
_			ρŵη		=		•	1	1			

	pizza_size character varying (50)	total_revenue numeric (10,2)	pct numeric (10,2)		
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
GROUP BY pizza_category
ORDER BY Total_Quantity_Sold DESC
```

## <u>Output</u>

Data	Output Messages N	Notifications		
=+		<u>*</u> *		
	pizza_category character varying (50)	total_quantity_sold bigint		
1	Classic	14888		
2	Supreme	11987		
3	Veggie	11649		
4	Chicken	11050		

## G. Top 5 Pizzas by Revenue

```
SELECT pizza_name, SUM(total_price) AS Total_Revenue FROM pizza_sales GROUP BY pizza_name ORDER BY Total_Revenue DESC
```

### Limit 5;

Data Output Messages Notifications				
=+		<b>*</b>		
	pizza_name character varying (50)	total_revenue double precision		
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 Pizzas by Revenue

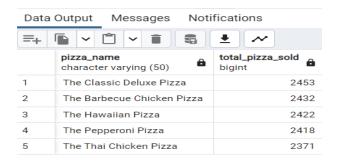
```
SELECT pizza_name, SUM(total_price) AS Total_Revenue
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Revenue ASC
Limit 5;
```



# I. Top 5 Pizzas by Quantity

```
SELECT pizza_name, SUM(quantity) AS Total_Pizza_Sold
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Pizza_Sold DESC
Limit 5;
```

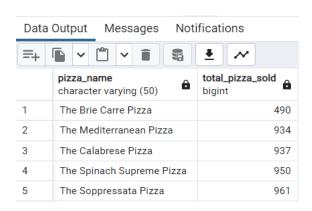
#### **Output**



# J. Bottom 5 Pizzas by Quantity

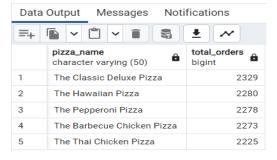
```
SELECT pizza_name, SUM(quantity) AS Total_Pizza_Sold
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Pizza_Sold ASC
Limit 5;
```

### **Output**



# K. Top 5 Pizzas by Total Orders

SELECT pizza\_name, COUNT(DISTINCT order\_id) AS Total\_Orders
FROM pizza\_sales
GROUP BY pizza\_name
ORDER BY Total\_Orders DESC
Limit 5;



# 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
Limit 5;

