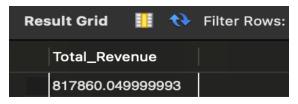
# **PIZZA SALES SQL QUERIES**

### A. KPI's

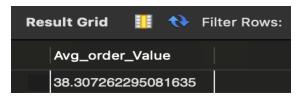
### 1. Total Revenue:

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



#### 2. Average Order Value

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



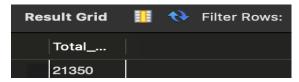
#### 3. Total Pizzas Sold

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

SELECT ROUND(SUM(quantity)/COUNT(DISTINCT order\_id,2) AS
Average\_Pizzas\_Per\_order
FROM pizza\_sales;



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

```
SELECT DAYNAME(order_date) AS order_day, COUNT(DISTINCT order_id) AS
total_orders
FROM pizza_sales
GROUP BY DAYNAME(order_date);
```

### **Output:**

Res	sult Grid	Filter	Rows:
	order_day	total_orders	
	Friday	3538	
	Monday	2794	
	Saturday	3158	
	Sunday	2624	
	Thursday	3239	
	Tuesday	2973	
	Wednesday	3024	

### C. Monthly Trend for Orders

```
select MONTHNAME(MONTH, order_date) as Month_Name, COUNT(DISTINCT
order_id) as total_orders
from pizza_sales
GROUP BY MONTHNAME(MONTH, order_date);
```

### <u>Output</u>

Result Grid 🌃 လ Filter Rows:			
Month_name	total_orders		
April	1799		
August	1841		
December	1680		
February	1685		
January	1845		
July	1935		
June	1773		
March	1840		
May	1853		
November	1792		
October	1646		
September	1661		

### D. % of Sales by Pizza Category

```
SELECT pizza_category, ROUND(SUM(total_price),2) as total_revenue,
ROUND(((SUM(total_price),2) * 100 / (SELECT SUM(total_price) from
pizza_sales)),2) AS PCT
FROM pizza_sales
GROUP BY pizza_category;
```

#### **Output**

Result Grid	Filter Ro	ows: Q Se
pizza_cate	gory total_reve	nue PCT
Classic	220053.1	26.91
Veggie	193690.45	23.68
Supreme	208197	25.46
Chicken	195919.5	23.96

# E. % of Sales by Pizza Size

```
SELECT pizza_size, ROUND(SUM(total_price),2) as total_revenue,
ROUND(((SUM(total_price),2) * 100 / (SELECT SUM(total_price) from
pizza_sales)),2) AS PCT
FROM pizza_sales
GROUP BY pizza_size;
```

ORDER BY pizza\_size

#### **Output**

١	Res	sult Grid	Filte	r Rows:
		pizza_size	total_revenue	PCT
		М	249382.25	30.49
		L	375318.7	45.89
		S	178076.5	21.77
		XL	14076	1.72
		XXL	1006.6	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
```

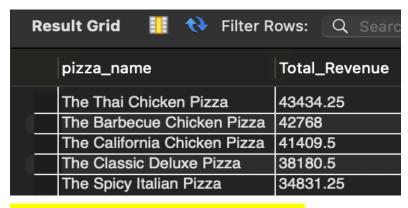
#### **Output**

Result Grid	Name of the Filter Rows: Q
pizza_category	Total_Quantity_S
Classic	14579
Veggie	11449
Supreme	11777
Chicken	10815

### **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;



## H. Bottom 5 Pizzas by Revenue

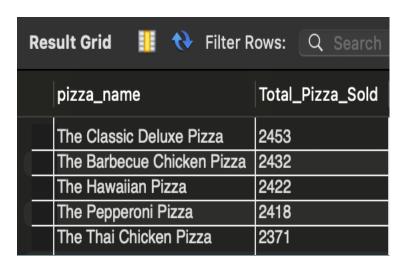
```
SELECT pizza_name, SUM(total_price) AS Total_Revenue
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Revenue ASC
LIMIT 5;
```

Result Grid ## Filter Rows: Q Search		
pizza_name	Total_Revenue	
The Brie Carre Pizza	11588.4999999999	
The Green Garden Pizza	13955.75	
The Spinach Supreme Pizza	15277.75	
The Mediterranean Pizza	15360.5	
The Spinach Pesto Pizza	15596	

### 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

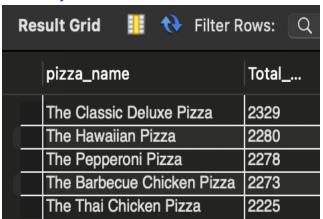
```
SELECT pizza_name, SUM(quantity) AS Total_Pizza_Sold
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Pizza_Sold ASC
LIMIT 5;
```

#### **Output**

Result Grid 🏢 💎 Filter F	Rows: Q Search
pizza_name	Total_Pizza_Sold
The Brie Carre Pizza	490
The Mediterranean Pizza	934
The Calabrese Pizza	937
The Spinach Supreme Pizza	950
The Soppressata Pizza	961

### 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. Borrom 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 ASC LIMIT 5;
```



# <u>NOTE</u>

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 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
LIMIT 5;
```