

# PIZZA SALES SQL QUERIES

## A. KPI's

### 1. Total Revenue:

```
SELECT SUM(total_price) AS Total_Revenue FROM pizza_sales;
```

#### Output:

Result Grid	
	Total_Revenue
▶	817860.05

### 2. Average Order Value:

```
SELECT SUM(total_price) / COUNT(Distinct order_id) AS Average_order_Value FROM pizza_sales;
```

#### Output:

Result Grid	
	Average_order
▶	38.307262

### 3. Total Pizza Sold:

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

#### Output:

Result Grid	
	Total_Pizza_Sold
▶	49574

### 4. Total Orders:

```
SELECT COUNT(Distinct order_id) AS Total_orders FROM pizza_sales;
```

#### Output:

Result Grid	
	Total_orders
▶	21350

### 5. Average Pizza Per Order:

```
SELECT CAST(SUM(quantity) / COUNT(Distinct order_id) AS DECIMAL(10,2)) AS Average_pizza_per_order FROM pizza_sales;
```

#### Output:

Result Grid	
	Average_pizza_per_order
▶	2.32

## 6. Daily Trend for Total Orders

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

### Output:

Result Grid		
	order_day	total_order
▶	Friday	3538
	Monday	2794
	Saturday	3158
	Sunday	2624
	Thursday	3239
	Tuesday	2973
	Wednesday	3024

## 7. Month Trend for Total Sales

```
SELECT MONTHNAME(order_date) AS order_month, COUNT(DISTINCT order_id) AS
total_order_month FROM pizza_sales
GROUP BY MONTHNAME(order_date)
ORDER BY total_order_month DESC;
```

### Output:

Result Grid		
	order_month	total_order_month
▶	July	1935
	May	1853
	January	1845
	August	1841
	March	1840
	April	1799
	November	1792
	June	1773
	February	1685
	December	1680
	September	1661
	October	1646

## 8. Percentage of Sales by Pizza Category:

```
SELECT pizza_category, SUM(total_price) as total_sales,
CAST(SUM(total_price) * 100 / (SELECT SUM(total_price) FROM pizza_sales) AS DECIMAL
(10,2)) AS percentage_total_sales_category
```

```
FROM pizza_sales  
GROUP BY pizza_category;
```

**Output:**

	pizza_category	total_sales	percentage_total_sales_category
▶	Classic	220053.10	26.91
	Veggie	193690.45	23.68
	Supreme	208197.00	25.46
	Chicken	195919.50	23.96

**9. Percentage of Sales by Pizza Size:**

```
SELECT pizza_size,  
SUM(total_price) AS total_price,  
CAST(SUM(total_price) * 100 / (SELECT SUM(total_price) FROM pizza_sales) AS  
DECIMAL(10,2)) AS total_sales_on_pizza_size  
FROM pizza_sales  
GROUP BY pizza_size  
ORDER BY total_sales_on_pizza_size DESC;
```

**Output:**

	pizza_size	total_price	total_sales_on_pizza_size
▶	L	375318.70	45.89
	M	249382.25	30.49
	S	178076.50	21.77
	XL	14076.00	1.72
	XXL	1006.60	0.12

**10. Total Pizza Sold by Pizza Category**

```
SELECT pizza_category, SUM(quantity) AS Total_Pizzas_Sold  
FROM pizza_sales  
GROUP BY pizza_category
```

**Output:**

	pizza_category	Total_Pizzas_Sold
▶	Classic	14888
	Veggie	11649
	Supreme	11987
	Chicken	11050

**11. Top 5 pizzas by Total Sales**

```
SELECT pizza_name, SUM(total_price) AS total_Revenue FROM pizza_sales
```

```
GROUP BY pizza_name  
ORDER BY total_Revenue DESC  
LIMIT 5;
```

**Output:**

Result Grid		
	pizza_name	total_Revenue
▶	The Thai Chicken Pizza	43434.25
	The Barbecue Chicken Pizza	42768.00
	The California Chicken Pizza	41409.50
	The Classic Deluxe Pizza	38180.50
	The Spicy Italian Pizza	34831.25

### 12. Bottom 5 pizza by Total Sales

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

**Output:**

Result Grid		
	pizza_name	total_Revenue
▶	The Brie Carre Pizza	11588.50
	The Green Garden Pizza	13955.75
	The Spinach Supreme Pizza	15277.75
	The Mediterranean Pizza	15360.50
	The Spinach Pesto Pizza	15596.00

### 13. Top 5 Pizza Quantity by total sales

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

**Output:**

Result Grid		
	pizza_name	total_quantity
▶	The Classic Deluxe Pizza	2453
	The Barbecue Chicken Pizza	2432
	The Hawaiian Pizza	2422
	The Pepperoni Pizza	2418
	The Thai Chicken Pizza	2371

### 14. Bottom 5 Quantity Pizza Sales

```

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

```

**Output:**

Result Grid    Filter Rows: <input type="text"/>		
	pizza_name	total_quantity
▶	The Brie Carre Pizza	490
	The Mediterranean Pizza	934
	The Calabrese Pizza	937
	The Spinach Supreme Pizza	950
	The Soppressata Pizza	961

**15. Top 5 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;

```

**Output:**

Result Grid    Filter Rows: <input type="text"/>		
	pizza_name	total_orders
▶	The Classic Deluxe Pizza	2329
	The Hawaiian Pizza	2280
	The Pepperoni Pizza	2278
	The Barbecue Chicken Pizza	2273
	The Thai Chicken Pizza	2225

**16. Bottom 5 Pizza Total Orders**

```

SELECT pizza_name, COUNT(DISTINCT order_id) AS total_order FROM pizza_sales
GROUP BY pizza_name
ORDER BY total_order ASC
LIMIT 5;

```

**Output:**

Result Grid    Filter Rows: <input type="text"/>		
	pizza_name	total_order
▶	The Brie Carre Pizza	480
	The Mediterranean Pizza	912
	The Calabrese Pizza	918
	The Spinach Supreme Pizza	918
	The Chicken Pesto Pizza	938

