

# PIZZA SALES QUERIES

## KPI's

### 1. Total Revenue:

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

Result Grid	
Total_Revenue	
	817860.049999993

### 2. Average Order Value:

```
SELECT SUM(total_price) / COUNT(DISTINCT(order_id)) AS Avg_Order_Value FROM pizza_sales;
```

Result Grid	
Avg_Order_Value	
	38.307262295081635

### 3. Total Pizzas Sold:

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

Result Grid	
Total_Pizza_Sold	
	49574

### 4. Total Orders:

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

Result Grid	
Total_Orders	
	21350

### 5. Average Pizzas Per Order:

```
SELECT SUM(quantity) / COUNT(DISTINCT(order_id)) AS Avg_Pizzas_Per_Order FROM pizza_sales;
```

Result Grid	
Avg_Pizzas_Per_Order	
	2.3220

## Daily Trend for Total Orders

```
SELECT DAYNAME(STR_TO_DATE(order_date, '%d-%m-%Y')) AS Order_day ,
COUNT(DISTINCT(order_id)) AS Total_Orders FROM pizza_sales GROUP BY Order_day; Output
```

Result Grid		Filter Rows:
	Order_day	Total_Orders
▶	Friday	3538
	Monday	2794
	Saturday	3158
	Sunday	2624
	Thursday	3239
	Tuesday	2973
	Wednesday	3024

## Monthly Trend for Total Orders

```
SELECT MONTHNAME(STR_TO_DATE(order_date, '%d-%m-%Y')) AS Month,
COUNT(DISTINCT(order_id)) AS Total_Orders FROM pizza_sales GROUP BY Month; Output
```

Result Grid		Filter Rows:
	Month	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

## Percentage of Sales by Pizza Category

```
SELECT pizza_category AS Caterogry, ROUND((100*(SUM(total_price)) / (SELECT SUM(total_price)
FROM pizza_sales)), 2) AS Percent FROM pizza_sales GROUP BY pizza_category;
```

Result Grid		Filter Rows:
	Caterogry	Percent
▶	Classic	26.91
	Veggie	23.68
	Supreme	25.46
	Chicken	23.96

## Percentage of Sales by Pizza Size

```
SELECT pizza_size AS Size, ROUND((100 * (SUM(total_price)) / (SELECT SUM(total_price) FROM pizza_sales)), 2) AS Percent FROM pizza_sales GROUP BY Size;
```

	Size	Percent
▶	M	30.49
	L	45.89
	S	21.77
	XL	1.72
	XXL	0.12

## Total Pizza Sold by Pizza Category

```
SELECT pizza_category AS Category, SUM(quantity) AS Sold_Pizzas FROM pizza_sales GROUP BY Category;
```



	Category	Sold_Pizzas
▶	Classic	14888
	Veggie	11649
	Supreme	11987
	Chicken	11050

## Top 5 Best Sellers by Revenue, Total Quantity and Total Orders



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

	Pizza	Total_Revenue
▶	The Thai Chicken Pizza	43434.25
	The Barbecue Chicken Pizza	42768
	The California Chicken Pizza	41409.5
	The Classic Deluxe Pizza	38180.5
	The Spicy Italian Pizza	34831.25

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



Result Grid   Filter Rows: <input type="text"/>		
	Pizza	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

```
SELECT pizza_name AS Pizza, COUNT(DISTINCT (order_id)) AS Total_Order FROM pizza_sales GROUP BY Pizza ORDER BY Total_Order DESC LIMIT 5;
```



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

## Bottom 5 Best Sellers by Revenue, Total Quantity and Total Orders

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

Result Grid   Filter Rows: <input type="text"/>		
	Pizza	Total_Revenue
▶	The Brie Carre Pizza	11588.49999999999
	The Green Garden Pizza	13955.75
	The Spinach Supreme Pizza	15277.75
	The Mediterranean Pizza	15360.5
	The Spinach Pesto Pizza	15596

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

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

```
SELECT pizza_name AS Pizza, COUNT(DISTINCT(Order_id)) AS Total_Order FROM pizza_sales GROUP BY Pizza ORDER BY Total_Order ASC LIMIT 5;
```

Result Grid   Filter Rows: <input type="text"/>		
	Pizza	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

**Note:** To apply pizza\_category and pizza\_size filters to the above queries:

Use WHERE clause, Example:

```
SELECT pizza_name AS Pizza, COUNT(DISTINCT(Order_id)) AS Total_Order FROM pizza_sales WHERE
pizza_category = 'Classic' GROUP BY Pizza ORDER BY Total_Order ASC LIMIT 5;
```