

# PIZZA SALES SQL (MySQL) QUERIES

**Data Source :** Youtube Channel “Data Tutorial”

## A. KPI's

### 1. Total Revenue:

Select Cast(sum(total\_price) as decimal(10,2)) as Total\_Revenue from pizza\_sales15;

	Total_Revenue
▶	817860.05

### 2. Average Order Value:

Select Cast(Sum(total\_price)/count(distinct order\_id) as decimal (10,2)) as Avg\_order\_value from pizza\_sales15;

	Avg_order_value
▶	38.31

### 3. Total Pizza Sold

Select Sum(quantity) as Total\_pizza\_sold from pizza\_sales15;

	Total_pizza_sold
▶	49574

### 4. Total Orders

Select count(distinct order\_id) as Total\_orders from pizza\_sales15;

	Total_orders
▶	21350

### 5. Average Pizzas Per Orders

Select Cast((sum(quantity)/Count(distinct order\_id)) as decimal(10,2)) as Avg\_Pizzas\_per\_order from pizza\_sales15;

	Avg_Pizzas_per_order
▶	2.32

### B. Daily Trend for Total Orders

Select dayname(str\_to\_date(order\_date, '%m/%d/%Y')) as order\_day,  
count(distinct order\_id) as total\_orders from pizza\_sales15  
group by order\_day;

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

### C. Monthly Trend for Total Orders

Select monthname(str\_to\_date(order\_date, '%m/%d/%Y')) as Month\_name,  
count(distinct order\_id) as total\_orders from pizza\_sales15  
group by Month\_name;

	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. Percentage 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_sales15)
as decimal(10,2)) as Percentage from pizza_sales15
group by pizza_category
order by Percentage desc;

```

	pizza_category	total_revenue	Percentage
▶	Classic	220053.10	26.91
	Supreme	208197.00	25.46
	Chicken	195919.50	23.96
	Veggie	193690.45	23.68

### E. Percentage 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_sales15)
as decimal (10,2)) as Percentage from pizza_sales15
group by pizza_size
order by Percentage desc;

```

	pizza_size	total_revenue	Percentage
▶	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

### F. Total Pizzas Sold by Pizza Category

```

Select pizza_category, sum(quantity) from pizza_sales15
group by pizza_category;

```

	pizza_category	sum(quantity)
▶	Classic	14888
	Veggie	11649
	Supreme	11987
	Chicken	11050

### G. Top 5 Pizza by Revenue

```
Select pizza_name, cast(sum(total_price) as decimal (10,2))as total_revenue
from pizza_sales15
group by pizza_name
order by total_revenue desc
limit 5;
```

	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

### H. Bottom 5 Pizza by Revenue

```
Select pizza_name, Cast(sum(total_price) as decimal(10,2)) as total_revenue
from pizza_sales15
group by pizza_name
Order by total_revenue asc
Limit 5;
```

	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

### I. Top 5 Pizza by Quantity

```
Select pizza_name, sum(quantity) as Total_Pizza_Sold from pizza_sales15
group by pizza_name
order by Total_Pizza_Sold desc
```

limit 5;

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

### J. Bottom 5 Pizza by Quantity

Select pizza\_name, sum(quantity) as Total\_Pizza\_Sold

from pizza\_sales15

group by pizza\_name

order by Total\_Pizza\_Sold

limit 5;

	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 Pizza by Total Orders

Select pizza\_name, count(distinct order\_id) as Total\_order

from pizza\_sales15

group by pizza\_name

order by Total\_order desc

limit 5;

	pizza_name	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

### L. Bottom 5 Pizza by Total Orders

```
Select pizza_name, count(distinct order_id) as Total_order
from pizza_sales15
group by pizza_name
order by Total_order
limit 5;
```

	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

### Note: Using WHERE clause to filter records.

For example:

```
SELECT pizza_name, COUNT(DISTINCT order_id) AS Total_Orders
FROM pizza_sales15
WHERE pizza_category = 'Classic'
GROUP BY pizza_name
ORDER BY Total_Orders desc
limit 5;
```

	pizza_name	Total_Orders
▶	The Classic Deluxe Pizza	2329
	The Hawaiian Pizza	2280
	The Pepperoni Pizza	2278
	The Big Meat Pizza	1811
	The Napolitana Pizza	1421