

# PIZZA SALES MYSQL QUERIES

## A.KPI's

### 1)Total revenue

select sum(total\_price) AS total\_revenue from pizza\_sales;

	total_revenue
▶	817860.05

### 2)Average Order Value

Select round(sum(total\_price)/count(distinct order\_id),2) as avg\_order\_value from pizza\_sales;

	avg_order_value
	38.31

### 3)Total Pizza Sold

select sum(quantity) as total\_pizza\_sold from pizza\_sales;

Result Grid	Filter Rows:
	total_pizza_sold
▶	49574

### 4)Total Orders

select count(distinct order\_id) as Total\_order from pizza\_sales;

Result Grid	Filter Rows:
	Total_order
▶	21350

### 5)Average Pizza Per Order

select cast(sum(quantity)/count (distinct order\_id) as decimal (10,2) as avg\_pizza\_per\_order from pizza\_sales;

	avg_pizza_per_order
	2.32

## B. CHART's

### 1) Daily Trends for Total Orders:

```
select dayname(order_date) as Day_name,count(distinct order_id)
as Total_orders from pizza_sales
group by dayofweek(order_date), dayname(order_date)
order by dayofweek(order_date);
```

Day_name	Total_orders
Sunday	2624
Monday	2794
Tuesday	2973
Wednesday	3024
Thursday	3239
Friday	3538
Saturday	3158

### 2) Monthly Trends for Total Orders:

```
select monthname(order_date) as Month_name,count(distinct
order_id) as Total_ordersfrom pizza_sales
group by monthname(order_date), month(order_date)
Order by month(order_date);
```

Month_name	Total_orders
January	1845
February	1685
March	1840
April	1799
May	1853
June	1773
July	1935
August	1841
September	1661
October	1646
November	1792
December	1680

### 3) Total sales and their % sales by pizza category

```
select pizza_category,round(sum(total_price),2) as
total_sales,round(sum(total_price)/(select sum(total_price) from
pizza_sales)*100,2) as Total_sales_percentage from
pizza_salesgroup by pizza_category;
```

pizza_category	total_sales	Total_sales_percentage
Classic	220053.1	26.91
Veggie	193690.45	23.68
Supreme	208197	25.46
Chicken	195919.5	23.96

**Note:** If we want total sales percentage of a particular month then:-

**for January Month**

```
select pizza_category,round(sum(total_price),2)as total_sales,  
round(sum(total_price)/ (select sum(total_price) from pizza_sales  
where month(order_date)=1)*100,2)  
as Total_sales_percentage from pizza_sales  
where month(order_date) =1  
group by pizza_category;
```

pizza_category	total_sales	Total_sales_percentage
Classic	18619.4	26.68
Veggie	17055.4	24.44
Supreme	17929.75	25.69
Chicken	16188.75	23.2

#### 4) Total sales and their % sales by pizza size

```
select pizza_size,round(sum(total_price),2)as total_sales,  
round(sum(total_price)/ (select sum(total_price) from  
pizza_sales) * 100,2) as Total_sales_percentage from pizza_sales  
group by pizza_size;
```

pizza_size	total_sales	Total_sales_percentage
M	249382.25	30.49
L	375318.7	45.89
S	178076.5	21.77
XL	14076	1.72
XXL	1006.6	0.12

**Note:** If we want this for particular month or quarter then:

**for first quarter:**

```
select pizza_size,round(sum(total_price),2)as total_sales  
round(sum(total_price)/ (select sum(total_price) from pizza_sales  
where quarter (order_date) = 1) *100,2) as Total_sales_percentage  
pizza_sales where quarter(order_date) =1  
group by pizza_size;
```

pizza_size	total_sales	Total_sales_percentage
M	61159	29.78
L	95229.65	46.37
S	45384.25	22.1
XL	3289.5	1.6
XXL	287.6	0.14

### 5) Top five pizza name by total revenue:

```
select pizza_name,sum(total_price) as total_revenue from pizza_sales  
group by pizza_name  
order by sum(total_price) desc  
limit 5;
```

pizza_name	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

### 6) Bottom five pizza name by total revenue:

```
select pizza_name,sum(total_price) as total_revenue from pizza_sales  
group by pizza_name  
order by sum(total_price) asc limit 5;
```

pizza_name	total_revenue
The Brie Carre Pizza	11588.5
The Green Garden Pizza	13955.75
The Spinach Supreme Pizza	15277.75
The Mediterranean Pizza	15360.5
The Spinach Pesto Pizza	15596

### 7)Top five pizza name by total quantity:

```
select pizza_name,sum(quantity) as total_quantity from pizza_sales  
group by pizza_name  
order by sum(quantity) desc  
limit 5;
```

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

### 8)Bottom five pizza name by total quantity:

```
select pizza_name,sum(quantity) as total_quantity from pizza_sales  
group by pizza_name  
order by sum(quantity) asc  
limit 5;
```

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

## 9) Top five pizza name by total orders:

```
select pizza_name,count(distinct order_id) as total_order from  
pizza_sales  
group by pizza_name  
order by count (distinct order_id) asc  
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

## 10) Top five pizza name by total orders:

```
select pizza_name,count(distinct order_id) as total_order from  
pizza_sales  
group by pizza_name  
order by count (distinct order_id) asc  
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