

# PIZZA SALES SQL QUERIES

## A.KPI's

### 1. Total Revenue:

```
select sum(total_price) as Total_Revenue from pizza;
```

Output:

total_revenue	double precision	🔒
817860.049999993		

### 2. Average Order Value

```
select (sum(total_price) / count(distinct order_id)) as Average_Order_Value  
from pizza;
```

Output:

average_order_value	double precision	🔒
38.307262295081635		

### 3. Total Pizzas Sold

```
select sum(quantity)as Total_Pizza_Sold from pizza;
```

Output:

total_pizza_sold	bigint	🔒
49574		

### 4. Total orders

```
select count(distinct order_id) Total_Order from pizza;
```

Output:

total_order	bigint	🔒
21350		

### 5. Average Pizza Per Order

```
select cast(cast(sum(quantity) as decimal(10,2)) /  
cast(count(distinct order_id) as decimal(10,2)) as decimal(10,2)) as Average_Pizzas_Per_order  
from pizza;
```

*Output:*

average_pizzas_per_order numeric (10,2)
2.32

## B. Daily Trend for Total Orders

```
select to_char(order_date, 'day') as Order_Day, count(distinct order_id) as Total_Order  
from pizza  
group by to_char(order_date, 'day')  
order by total_order desc;
```

*Output:*

order_day text	total_order bigint
friday	3538
thursday	3239
saturday	3158
wednesday	3024
tuesday	2973
monday	2794
sunday	2624

## C. Monthly Trend for Total Orders

```
select to_char(order_date, 'month') as Order_Day, count(distinct order_id) as Total_Order  
from pizza  
group by to_char(order_date, 'month')
```

order by total\_order desc;

Output:

order_day text	total_order bigint
july	1935
may	1853
january	1845
august	1841
march	1840
april	1799
november	1792
june	1773
february	1685
december	1680
september	1661
october	1646

## D. % 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) as decimal(10,2)) as  
Percentage\_of\_Sale

from pizza

group by pizza\_category

Output:

pizza_category character varying (50)	total_revenue numeric (10,2)	percentage_of_sale numeric (10,2)
Supreme	208197.00	25.46
Chicken	195919.50	23.96
Veggie	193690.45	23.68
Classic	220053.10	26.91

## E. % 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) as decimal(10,2)) as  
Percentage_of_Sale
```

```
from pizza
```

```
group by pizza_size
```

```
order by percentage_of_Sale desc
```

*Output:*

<b>pizza_size</b> character varying (50) 🔒	<b>total_revenue</b> numeric (10,2) 🔒	<b>percentage_of_sale</b> numeric (10,2) 🔒
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) as total_pizza_sold from pizza
```

```
group by pizza_category
```

```
order by total_pizza_sold desc
```

*Output:*

<b>pizza_category</b> character varying (50) 🔒	<b>total_pizza_sold</b> bigint 🔒
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050

## G. Top 5 Pizzas by Revenue

```
select pizza_name, sum(total_price) as Total_Revenue from pizza
```

```
group by pizza_name
```

order by total\_Revenue desc

limit 5

*Output:*

pizza_name character varying (50)	total_revenue double precision
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

## H. Bottom 5 Pizzas by Revenue

`select` pizza\_name, sum(total\_price) as Total\_Revenue from pizza

group by pizza\_name

order by total\_Revenue asc

limit 5

*Output:*

pizza_name character varying (50)	total_revenue double precision
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

group by pizza\_name

order by Total\_pizza\_sold desc

limit 5

*Output:*

<b>pizza_name</b> character varying (50) 	<b>total_pizza_sold</b> bigint 
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 Pizzas by Quantity

```
select pizza_name, sum(quantity) as Total_pizza_sold from pizza
group by pizza_name
order by Total_pizza_sold asc
limit 5
```

*Output:*

<b>pizza_name</b> character varying (50) 	<b>total_pizza_sold</b> bigint 
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
group by pizza_name
order by Total_Orders desc
limit 5
```

*Output:*

<b>pizza_name</b> character varying (50) 	<b>total_orders</b> bigint 
The Classic Deluxe Pizza	2329
The Hawaiian Pizza	2280
The Pepperoni Pizza	2278
The Barbecue Chicken Pizza	2273
The Thai Chicken Pizza	2225

## K. Bottom 5 Pizzas by Total Orders

```
select pizza_name, count(distinct order_id) as Total_Orders from pizza
group by pizza_name
order by Total_Orders asc
limit 5
```

*Output:*

<b>pizza_name</b> character varying (50) 	<b>total_orders</b> bigint 
The Brie Carre Pizza	480
The Mediterranean Pizza	912
The Calabrese Pizza	918
The Spinach Supreme Pizza	918
The Chicken Pesto Pizza	938