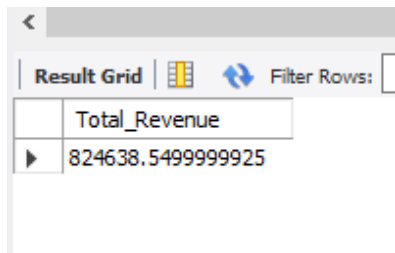


# PIZZA SALES MYSQL QUERIES

## A. KPI's

### 1. Total Revenue

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

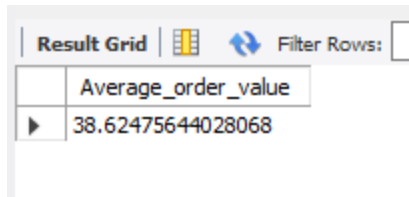


The screenshot shows a database query result grid. At the top, there is a navigation bar with a back arrow, a 'Result Grid' tab, a grid icon, a refresh icon, and a 'Filter Rows:' input field. Below this, the query result is displayed in a table with one column labeled 'Total\_Revenue' and one row containing the value '824638.5499999925'.

Total_Revenue
824638.5499999925

### 2. Average order value

```
select sum(total_price)/count(distinct order_id) as Average_order_value from pizza.pizza_sales;
```

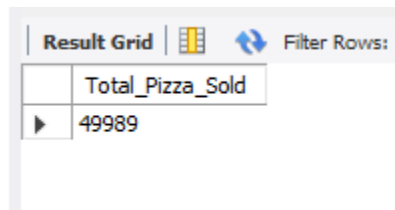


The screenshot shows a database query result grid. At the top, there is a navigation bar with a back arrow, a 'Result Grid' tab, a grid icon, a refresh icon, and a 'Filter Rows:' input field. Below this, the query result is displayed in a table with one column labeled 'Average\_order\_value' and one row containing the value '38.62475644028068'.

Average_order_value
38.62475644028068

### 3. Total pizza sold

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



The screenshot shows a database query result grid. At the top, there is a navigation bar with a back arrow, a 'Result Grid' tab, a grid icon, a refresh icon, and a 'Filter Rows:' input field. Below this, the query result is displayed in a table with one column labeled 'Total\_Pizza\_Sold' and one row containing the value '49989'.

Total_Pizza_Sold
49989

#### 4. Total Orders

```
select count(distinct order_id) as Total_Orders from pizza.pizza_sale
```

Result Grid		Filter Rows
	Total_Orders	
▶	21350	

#### 5. Average pizzas 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 AVG_Pizzas_per_order from pizza.pizza_sales;
```

Result Grid		Filter Rows
	AVG_Pizzas_per_order	
▶	2.34	

#### B. Daily Trend for Total Orders

```
select dayname(order_date) as Order_day, count(distinct order_id) as Total_orders  
from pizza.pizza_sales  
group by dayname(order_date);
```

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

#### C. Monthly Trend for Orders



```
select monthname(order_date) as Month_name, count(distinct order_id) as  
Total_orders
```

```
from pizza.pizza_sales
group by monthname(order_date);
```

Result Grid	Filter Rows:
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. % 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.pizza_sales)
as decimal(10,2)) as PCT
from pizza.pizza_sales
group by pizza_category;
```

Result Grid				Filter Rows:
	pizza_category	Total_revenue	PCT	
▶	Classic	220053.10	100.00	
	Veggie	193690.45	100.00	
	Supreme	208197.00	100.00	
	Chicken	195919.50	100.00	

## 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.pizza_sales)
as decimal(10,2)) as PCT
from pizza.pizza_sales
group by pizza_size;
order by pizza_size asc;
```

Result Grid			Filter Rows:	
	pizza_category	Total_revenue	PCT	
▶	Classic	220053.10	100.00	
	Veggie	193690.45	100.00	
	Supreme	208197.00	100.00	
	Chicken	195919.50	100.00	

## F. Total Pizzas Sold by Pizza Category

```
select pizza_category, sum(quantity) as Toatl_pizza_sold
from pizza.pizza_sales
group by pizza_category;
```

Result Grid			Filter Rows:
	pizza_category	Toatl_pizza_sold	
▶	Classic	14888	
	Veggie	11649	
	Supreme	11987	
	Chicken	11050	

## G. Top 5 Pizzas by Revenue

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

Result Grid			Filter Rows:
	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	

## H. Bottom 5 Pizzas by Revenue

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

Result Grid			Filter Rows:
	pizza_name	total_revenue	
▶	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.pizza_sales
group by pizza_name
order by total_pizza_sold desc
limit 5;
```

Result Grid	Filter Rows:
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 Pizzas by Quantity

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

Result Grid	Filter Rows:
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 Pizzas by Total Orders

```
select pizza_name, count(distinct order_id) as total_orders
from pizza.pizza_sales
group by pizza_name
order by total_orders desc
limit 5;
```

Result Grid	Filter Rows:
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

## L. Bottom 5 Pizzas by Total Orders

```
select pizza_name, count(distinct order_id) as total_orders
from pizza.pizza_sales
group by pizza_name
order by total_orders asc
limit 5;
```

	pizza_name	total_orders
▶	The Brie Carre Pizza	480
	The Mediterranean Pizza	912
	The Calabrese Pizza	918
	The Spinach Supreme Pizza	918
	The Chicken Pesto Pizza	938

## NOTE

If you want to apply the pizza\_category or pizza\_size filters to the above queries you can use WHERE clause. Follow some of below examples

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