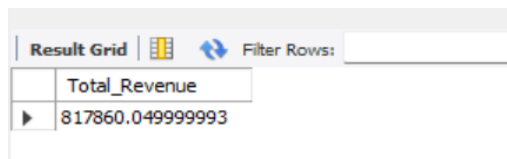


# PIZZA SALES SQL QUERIES

## A. KPI's

### 1. Total Revenue:

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

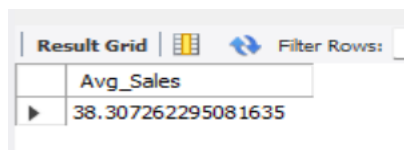


A screenshot of a SQL query result grid. The grid has a header row with 'Total\_Revenue' and a single data row with the value '817860.049999993'. Above the grid, there are icons for 'Result Grid', a grid icon, and a 'Filter Rows' button with a search bar.

Total_Revenue
817860.049999993

### 2. Average Sales

```
SELECT
    AVG(order_total) AS Average_Sales_Per_Order
FROM (
    SELECT
        order_id,
        SUM(total_price) AS order_total
    FROM
        Sales
    GROUP BY
        order_id
) AS order_summary;
```

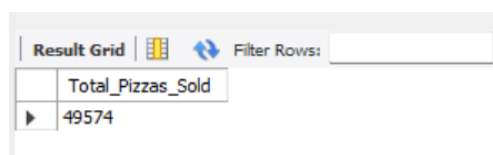


A screenshot of a SQL query result grid. The grid has a header row with 'Avg\_Sales' and a single data row with the value '38.307262295081635'. Above the grid, there are icons for 'Result Grid', a grid icon, and a 'Filter Rows' button with a search bar.

Avg_Sales
38.307262295081635

### 3. Total Pizzas Sold

```
SELECT
    SUM(quantity) AS Total_Pizzas_Sold
FROM
    Sales;
```



A screenshot of a SQL query result grid. The grid has a header row with 'Total\_Pizzas\_Sold' and a single data row with the value '49574'. Above the grid, there are icons for 'Result Grid', a grid icon, and a 'Filter Rows' button with a search bar.

Total_Pizzas_Sold
49574

### 4. Total Orders

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

Result Grid		Filter Rows:
	Total_Orders	
▶	21350	

## 5. Average Pizzas per Order

```
SELECT
    ROUND(
        CAST(SUM(quantity) AS FLOAT) / COUNT(DISTINCT order_id),
        2
    ) AS Average_Pizzas_Per_Order
FROM
    Sales;
```

Result Grid		Filter Rows:
	Average_Pizzas_Per_Order	
▶	2.32	

## B. Chart Requirement

### 1. 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
    Sales
GROUP BY
    Order_day;
```

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

### 2. Hourly Trend for Total Orders

```
SELECT
    HOUR(order_time) AS order_hours,
    COUNT(DISTINCT order_id) AS total_orders
FROM
    Sales
GROUP BY order_hours
ORDER BY order_hours;
```

Result Grid			Filter Rows:
	order_hours	total_orders	
▶	9	1	
	10	8	
	11	1231	
	12	2520	
	13	2455	
	14	1472	
	15	1468	
	16	1920	
	17	2336	
	18	2399	
	19	2009	
	20	1642	
	21	1198	
	22	663	
	23	28	

### 3. Percentage of Sales by Pizza Category

```

SELECT
    pizza_category,
    ROUND(
        SUM(total_price) / (SELECT SUM(total_price) FROM Sales) * 100,
        2
    ) AS percentage_of_Sales
FROM
    Sales
GROUP BY
    pizza_category;

```

Result Grid			Filter Rows:
	pizza_category	percentage_of_Sales	
▶	Classic	26.91	
	Veggie	23.68	
	Supreme	25.46	
	Chicken	23.96	

### 4. Percentage of Sales by Pizza Size

```

SELECT
    pizza_size,
    ROUND(
        SUM(total_price) / (SELECT SUM(total_price) FROM Sales) * 100,
        2
    ) AS percentage_of_Sales
FROM
    Sales
GROUP BY
    pizza_size;

```

Result Grid			Filter Rows:
	pizza_size	percentage_of_Sales	
▶	M	30.49	
	L	45.89	
	S	21.77	
	XL	1.72	
	XXL	0.12	

## 5. Total Pizza Sold by Pizza Category

```

SELECT
    pizza_category,
    SUM(quantity) AS total_pizzas
FROM
    Sales
GROUP BY
    pizza_category;

```

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

## 6. Top 5 Best Sellers by Total Pizzas Sold

```

SELECT
    pizza_name,
    SUM(quantity) as Total_Pizza_Sold
FROM
    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	

## 7. Bottom 5 Worst Sellers by Total Pizzas Sold

```
SELECT
    pizza_name,
    SUM(quantity) AS Total_Pizza_Sold
FROM
    Sales
GROUP BY
    pizza_name
ORDER BY
    Total_Pizza_Sold ASC
LIMIT
    5;
```

Result Grid			Filter Rows:	Ex
	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		