

# Pizza Sales SQL Queries

## A. KPIs

### 1.Total Revenue

Query: `Select sum(total_price) AS total_revenue from pizza_sales;`

```
4 • Select sum(total_price) AS total_revenue from pizza_sales;
```

|                  |
|------------------|
| total_revenue    |
| 817860.049999993 |

### 2.Average Order value

Query: `select sum(total_price) / count(distinct order_id ) As Avg_order_value from pizza_sales;`

```
6 • select sum(total_price) / count(distinct order_id ) As Avg_order_value from pizza_sales;
```

|                    |
|--------------------|
| Avg_order_value    |
| 38.307262295081635 |

### 3.Total Pizzas Sold

Query: `select sum(quantity) As Total_pizzas_Sold from pizza_sales;`

```
7 • select sum(quantity) As Total_pizzas_Sold from pizza_sales;
```

|                   |
|-------------------|
| Total_pizzas_Sold |
| 49574             |

### 4.Total Orders

Query: `select count(distinct order_id) as Total_orders from pizza_sales;`

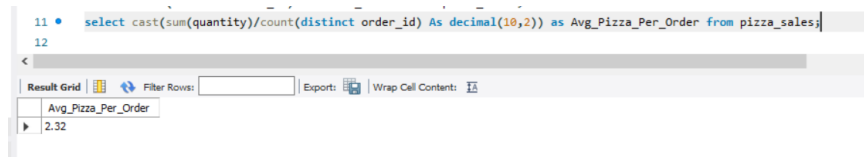
```
9 • select count(distinct order_id) as Total_orders from pizza_sales;
```

|              |
|--------------|
| Total_orders |
| 21350        |

### 5.Average Pizza per order

Query:

```
select cast(sum(quantity)/count(distinct order_id) As decimal(10,2)) as Avg_Pizza_Per_Order from pizza_sales;
```



The screenshot shows a SQL query editor with the following query:

```
11 • select cast(sum(quantity)/count(distinct order_id) As decimal(10,2)) as Avg_Pizza_Per_Order from pizza_sales;
```

Below the query, there is a result grid with the following data:

| Avg_Pizza_Per_Order |
|---------------------|
| 2.32                |

## B. CHART REQUIREMENT

### 1.Daily trend for total orders

Query:

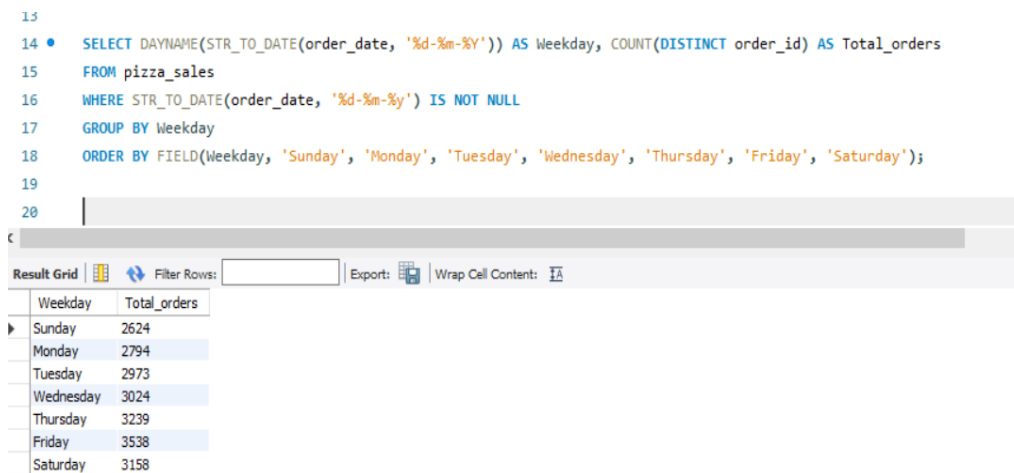
```
SELECT DAYNAME(STR_TO_DATE(order_date, '%d-%m-%Y')) AS Weekday, COUNT(DISTINCT order_id)  
AS Total_orders
```

```
FROM pizza_sales
```

```
WHERE STR_TO_DATE(order_date, '%d-%m-%y') IS NOT NULL
```

```
GROUP BY Weekday
```

```
ORDER BY FIELD(Weekday, 'Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday');
```



The screenshot shows a SQL query editor with the following query:

```
13  
14 • SELECT DAYNAME(STR_TO_DATE(order_date, '%d-%m-%Y')) AS Weekday, COUNT(DISTINCT order_id) AS Total_orders  
15 FROM pizza_sales  
16 WHERE STR_TO_DATE(order_date, '%d-%m-%y') IS NOT NULL  
17 GROUP BY Weekday  
18 ORDER BY FIELD(Weekday, 'Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday');
```

Below the query, there is a result grid with the following data:

| Weekday   | Total_orders |
|-----------|--------------|
| Sunday    | 2624         |
| Monday    | 2794         |
| Tuesday   | 2973         |
| Wednesday | 3024         |
| Thursday  | 3239         |
| Friday    | 3538         |
| Saturday  | 3158         |

### 2.Monthly Trend for total orders

Query:

```
SELECT MONTHNAME(STR_TO_DATE(order_date, '%d-%m-%Y')) AS Month, COUNT(DISTINCT order_id)  
AS Total_orders
```

```

FROM pizza_sales

WHERE STR_TO_DATE(order_date, '%d-%m-%y') IS NOT NULL

GROUP BY Month

ORDER BY Total_orders DESC;

```

```
--
20 • SELECT MONTHNAME(STR_TO_DATE(order_date, '%d-%m-%y')) AS Month, COUNT(DISTINCT order_id) AS Total_orders
21 FROM pizza_sales
22 WHERE STR_TO_DATE(order_date, '%d-%m-%y') IS NOT NULL
23 GROUP BY Month
24 ORDER BY Total_orders DESC;
25
```

| Month     | Total_orders |
|-----------|--------------|
| July      | 1935         |
| May       | 1853         |
| January   | 1845         |
| August    | 1841         |
| March     | 1840         |
| April     | 1799         |
| November  | 1792         |
| June      | 1773         |
| February  | 1685         |
| December  | 1680         |
| September | 1661         |

### 3.Percentage of Sales by pizza category

Query:

```

SELECT pizza_category,

        ROUND(SUM(total_price) * 100 / (SELECT SUM(total_price) FROM pizza_sales), 2) AS
Percentage_OfSales_By_PizzaCategory

FROM pizza_sales

GROUP BY pizza_category;

```

```
28 • SELECT pizza_category,
29         ROUND(SUM(total_price) * 100 / (SELECT SUM(total_price) FROM pizza_sales), 2) AS Percentage_OfSales_By_PizzaCategory
30 FROM pizza_sales
31 GROUP BY pizza_category;
32
33
34
```

| pizza_category | Percentage_OfSales_By_PizzaCategory |
|----------------|-------------------------------------|
| Classic        | 26.91                               |
| Veggie         | 23.68                               |
| Supreme        | 25.46                               |
| Chicken        | 23.96                               |