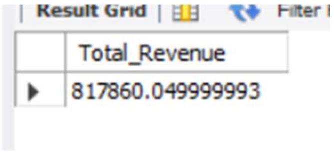
Documentation For Pizza Sales Data (SQL Code with Output)

# Finding total revenue

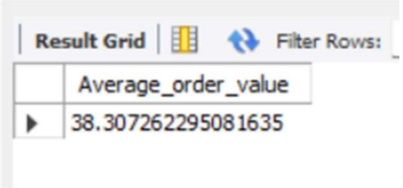
```
select sum(total_price) as Total_Revenue

from pizza_sales;
```



```
Total_Revenue
817860.049999993
```

# Average order value

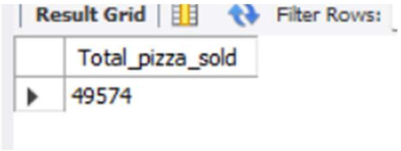
```
select sum(total_price) / count(distinct(order_id)) as Average_order_value

from pizza_sales;
```



```
Average_order_value
38.307262295081635
```

# Finding Total pizza sold

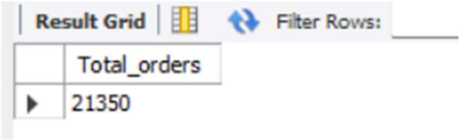
```
select sum(quantity) as Total_pizza_sold from pizza_sales;
```



```
Total_pizza_sold
49574
```

# Total order placed

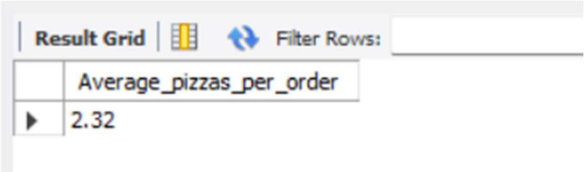
```
select count(distinct(order_id)) as Total_orders from pizza_sales;
```



```
Total_orders
21350
```

# Average pizza per order

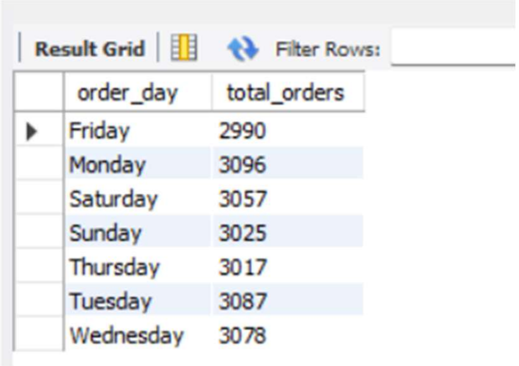
```
select cast(sum(quantity) / count(distinct(order_id)) as decimal(10,2)) as
Average_pizzas_per_order   from pizza_sales;
```



Average_pizzas_per_order
2.32

# Daily trends for order

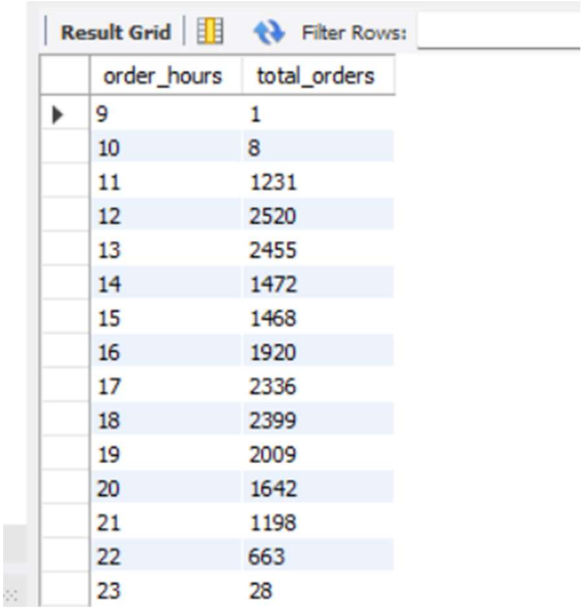
```
SELECT DAYNAME(STR_TO_DATE(order_date, '%Y-%m-%d')) AS order_day,

    COUNT(DISTINCT order_id) AS total_orders

FROM pizza_sales

GROUP BY DAYNAME(STR_TO_DATE(order_date, '%Y-%m-%d'));
```



order_day	total_orders
Friday	2990
Monday	3096
Saturday	3057
Sunday	3025
Thursday	3017
Tuesday	3087
Wednesday	3078

# hourly trend

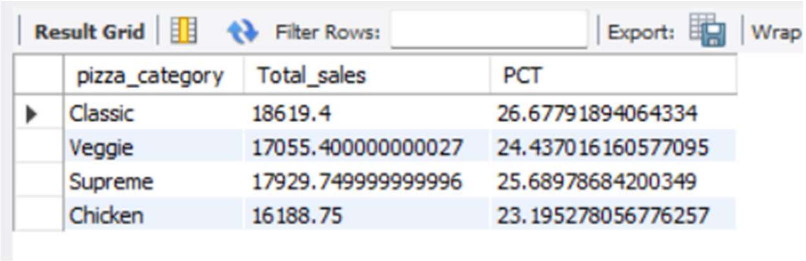
```
SELECT HOUR(order_time) AS order_hours,

    COUNT(DISTINCT order_id) AS total_orders

FROM pizza_sales

GROUP BY HOUR(order_time)

order by HOUR(order_time);
```



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

Percentage of sales by pizza category

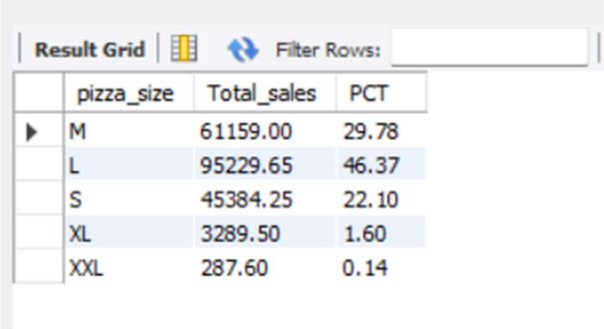
```
SELECT
   pizza_category,
   sum(total_price) as Total_sales,
   SUM(total_price) * 100 / (
      SELECT SUM(total_price)
      FROM pizza_sales
      WHERE MONTH(STR_TO_DATE(order_date, '%Y-%m-%d')) = 1
   ) AS PCT
FROM pizza_sales
WHERE MONTH(STR_TO_DATE(order_date, '%Y-%m-%d')) = 1
GROUP BY pizza_category;
```



	pizza_category	Total_sales	PCT
▶	Classic	18619.4	26.6779189406433 4
	Veggie	17055.400000000027	24.437016160577095
	Supreme	17929.749999999996	25.68978684200349
	Chicken	16188.75	23.195278056776257

# percentage of sale by pizza size

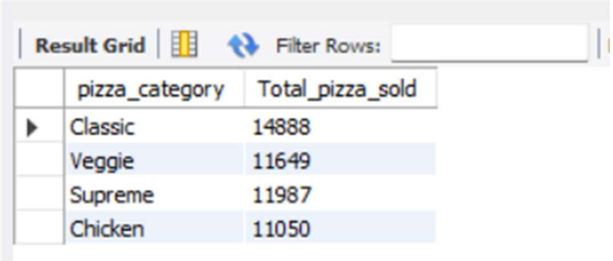
```
SELECT
    pizza_size,
    CAST(SUM(total_price) AS DECIMAL(10,2)) AS Total_sales,
    CAST(
        SUM(total_price) * 100 / (
            SELECT SUM(total_price)
            FROM pizza_sales
            WHERE QUARTER(STR_TO_DATE(order_date, '%Y-%m-%d')) = 1
        )
    AS DECIMAL(10,2)) AS PCT
FROM pizza_sales
WHERE QUARTER(STR_TO_DATE(order_date, '%Y-%m-%d')) = 1
GROUP BY pizza_size;
```



	pizza_size	Total_sales	PCT
▶	M	61159.00	29.78
	L	95229.65	46.37
	S	45384.25	22.10
	XL	3289.50	1.60
	XXL	287.60	0.14

#Total pizza sold by pizza category

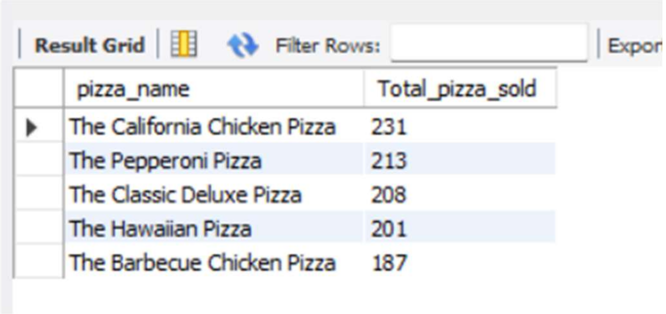
```
select pizza_category , sum(quantity) as Total_pizza_sold from pizza_sales

group by pizza_category;
```



pizza_category	Total_pizza_sold
Classic	14888
Veggie	11649
Supreme	11987
Chicken	11050

# top 5 best seller by total pizza sold

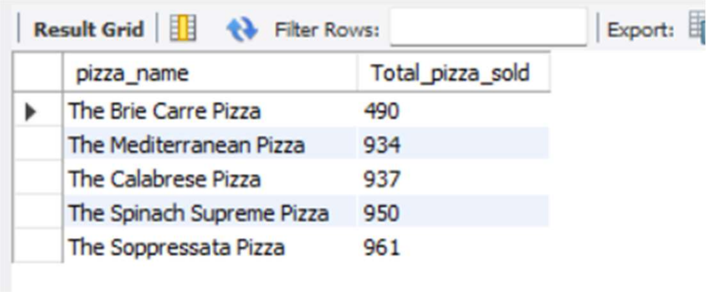
```
select pizza_name , sum(quantity) as Total_pizza_sold

from pizza_sales

where month(str_to_date(order_date , '%Y-%m-%d')) = 8

group by pizza_name

order by sum(quantity) desc

limit 5;
```



pizza_name	Total_pizza_sold
The California Chicken Pizza	231
The Pepperoni Pizza	213
The Classic Deluxe Pizza	208
The Hawaiian Pizza	201
The Barbecue Chicken Pizza	187

# bottom 5 sold or less sold

```
select pizza_name , sum(quantity) as Total_pizza_sold

from pizza_sales

group by pizza_name

order by sum(quantity) ASC

limit 5;
```



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