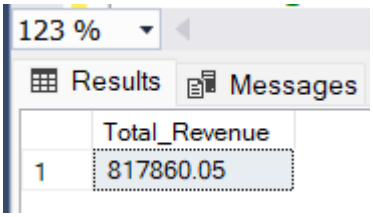
Query for Pizza_sales database

```
use Pizza_base;
```

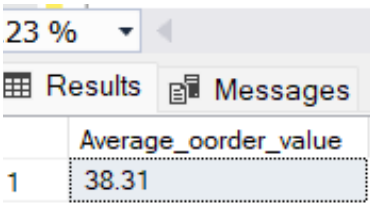
**--Total Revenue**

```
select round(sum(total_price),2) as Total_Revenue

from Pizza_sales
```



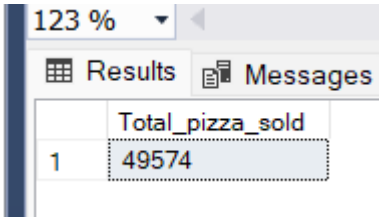

**--Average Order Value**

```
select round((sum(total_price)/count(distinct order_id)),2) as Average_order_value

from Pizza_sales
```



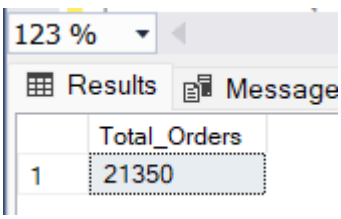

**--Total Pizzas Sold**

```
select sum(quantity) as Total_pizza_sold

from Pizza_sales
```




**--Total Orders**

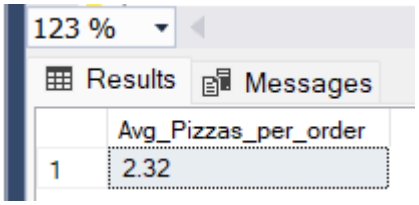
```
select count(distinct order_id) as  Total_orders

from Pizza_sales
```



Query for Pizza_sales database

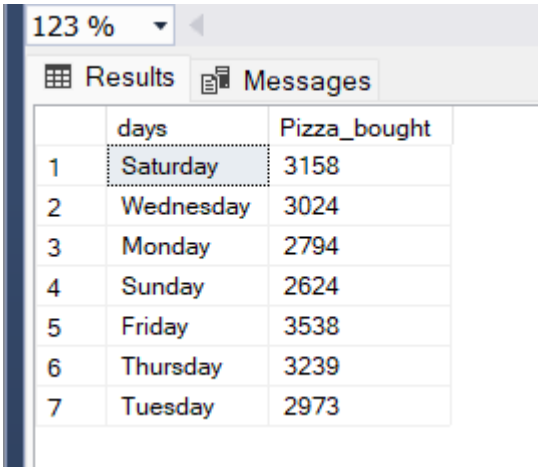
**--Average Pizzas Per Order**

```
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_sales
```




**--Daily Trend for Total Orders**

```
with days_data as (select datename(dw, order_date) as days, * from Pizza_sales)
select days,count(distinct order_id) as Pizza_bought from days_data
group by days
```

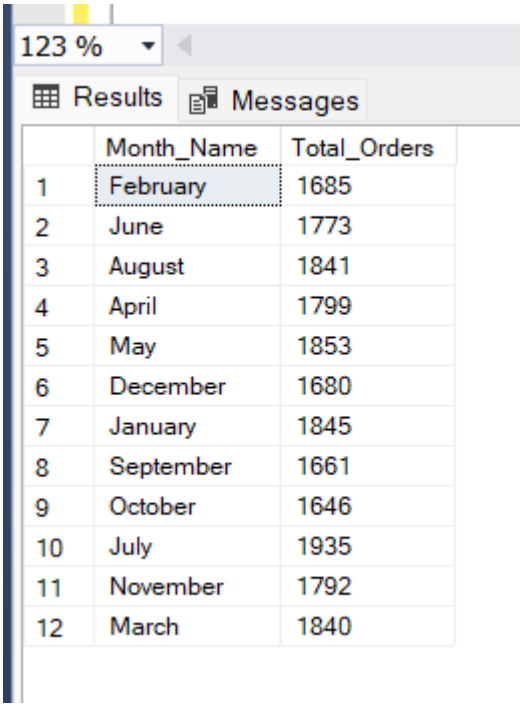



| | days | Pizza_bought |
|---|---|---|
| 1 | Saturday | 3158 |
| 2 | Wednesday | 3024 |
| 3 | Monday | 2794 |
| 4 | Sunday | 2624 |
| 5 | Friday | 3538 |
| 6 | Thursday | 3239 |
| 7 | Tuesday | 2973 |

**--monthly trend for order**

```
select DATENAME(MONTH, order_date) as Month_Name, COUNT(DISTINCT order_id) as Total_Orders
from pizza_sales
GROUP BY DATENAME(MONTH, order_date)
```

Query for Pizza_sales database



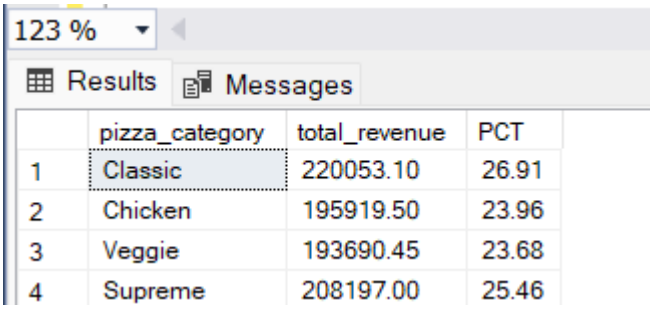
123 %

Results | Messages

| | Month_Name | Total_Orders |
|---|---|---|
| 1 | February | 1685 |
| 2 | June | 1773 |
| 3 | August | 1841 |
| 4 | April | 1799 |
| 5 | May | 1853 |
| 6 | December | 1680 |
| 7 | January | 1845 |
| 8 | September | 1661 |
| 9 | October | 1646 |
| 10 | July | 1935 |
| 11 | November | 1792 |
| 12 | March | 1840 |

**--% 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_sales) AS DECIMAL(10,2)) AS PCT
FROM pizza_sales
GROUP BY pizza_category
```



123 %

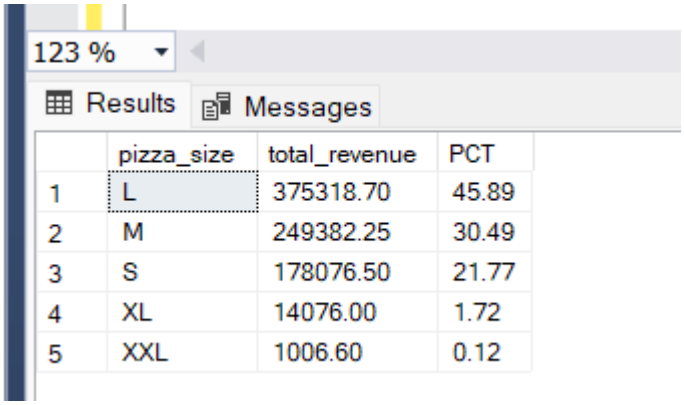
Results | Messages

| | pizza_category | total_revenue | PCT |
|---|---|---|---|
| 1 | Classic | 220053.10 | 26.91 |
| 2 | Chicken | 195919.50 | 23.96 |
| 3 | Veggie | 193690.45 | 23.68 |
| 4 | Supreme | 208197.00 | 25.46 |

**--% 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_sales) AS DECIMAL(10,2)) AS PCT
FROM pizza_sales
GROUP BY pizza_size
ORDER BY pizza_size
```

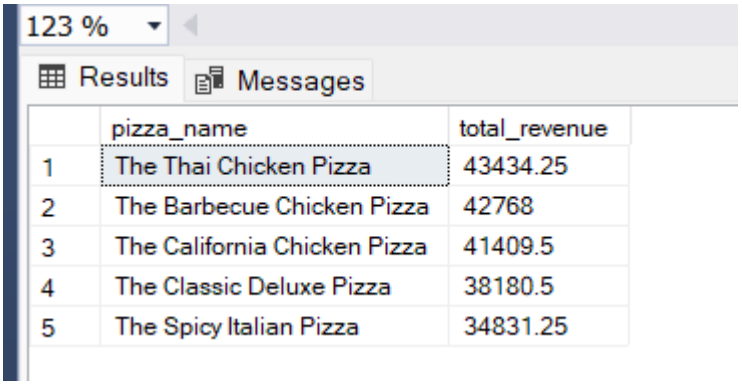
Query for Pizza_sales database



| | pizza_size | total_revenue | PCT |
|---|---|---|---|
| 1 | L | 375318.70 | 45.89 |
| 2 | M | 249382.25 | 30.49 |
| 3 | S | 178076.50 | 21.77 |
| 4 | XL | 14076.00 | 1.72 |
| 5 | XXL | 1006.60 | 0.12 |

**--Top 5 best seller by revenue and category**

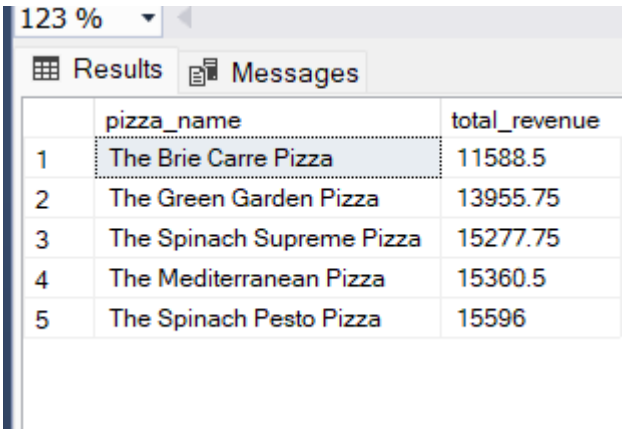
```
select top 5 pizza_name,round(sum(total_price),2) as total_revenue from Pizza_sales

group by pizza_name

order by total_revenue desc
```



| | pizza_name | total_revenue |
|---|---|---|
| 1 | The Thai Chicken Pizza | 43434.25 |
| 2 | The Barbecue Chicken Pizza | 42768 |
| 3 | The California Chicken Pizza | 41409.5 |
| 4 | The Classic Deluxe Pizza | 38180.5 |
| 5 | The Spicy Italian Pizza | 34831.25 |

**--botton 5 pizza**

```
select top 5 pizza_name, round(sum(total_price),2) as  total_revenue from Pizza_sales

group by pizza_name

order by total_revenue asc
```



| | pizza_name | total_revenue |
|---|---|---|
| 1 | The Brie Carre Pizza | 11588.5 |
| 2 | The Green Garden Pizza | 13955.75 |
| 3 | The Spinach Supreme Pizza | 15277.75 |
| 4 | The Mediterranean Pizza | 15360.5 |
| 5 | The Spinach Pesto Pizza | 15596 |

Query for Pizza_sales database