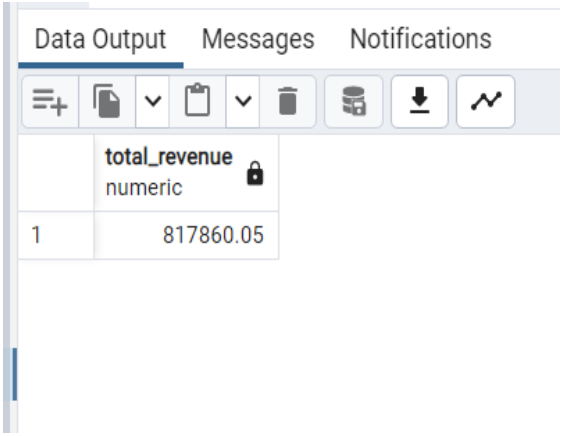
PIZZA SALES SQL QUERIES

A. KPI's

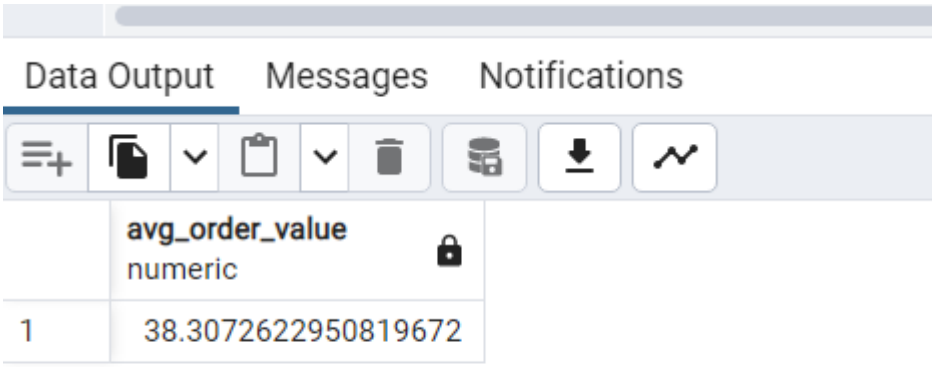
1. Total Revenue:

```
select sum(total_price) as total_revenue from pizza_sales
```



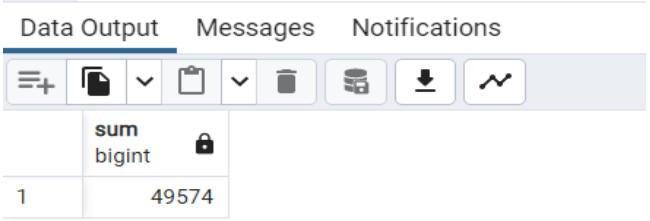
2. Average Order Value

```
SELECT (SUM(total_price) / COUNT(DISTINCT order_details_id)) AS Avg_order_Value
FROM pizza_sales
```



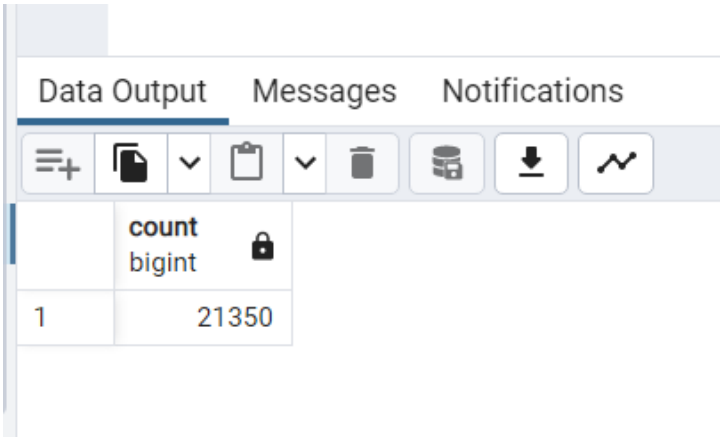
3. Total Pizzas Sold

```
select sum (quantity) from pizza_sales
```



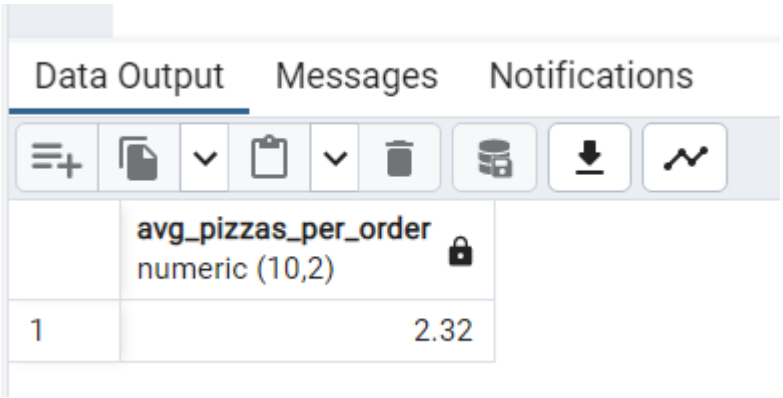
4. Total Orders

```
select count(distinct order_details_id) from pizza_sales
```



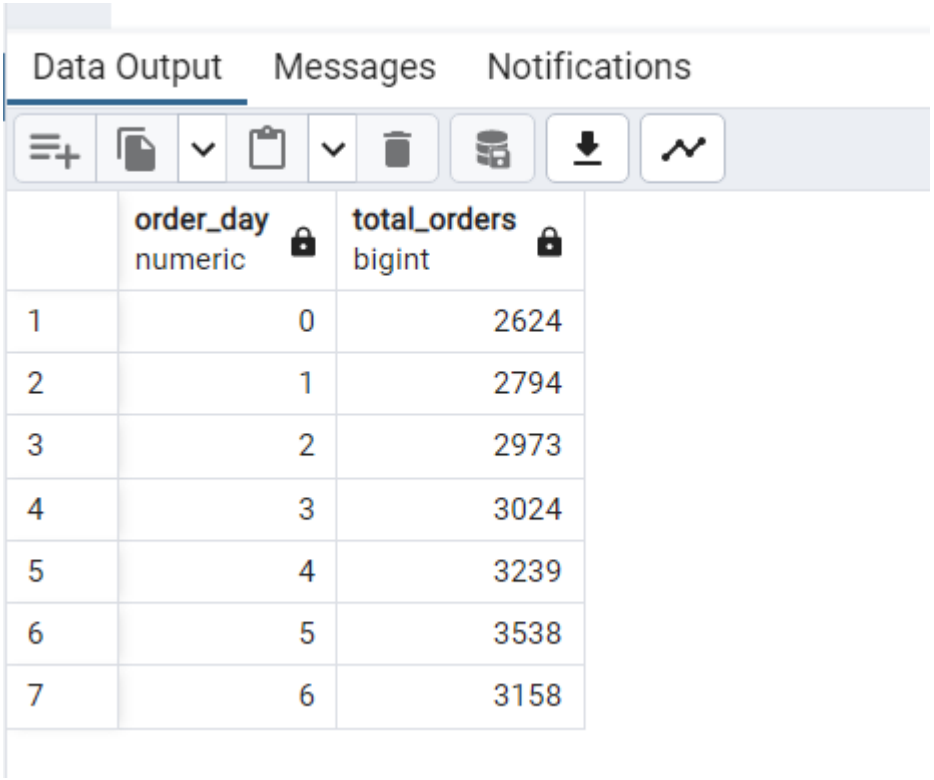
5. Average Pizzas Per Order

```
SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) /
CAST(COUNT(DISTINCT order_details_id) AS DECIMAL(10,2)) AS DECIMAL(10,2))
AS Avg_Pizzas_per_order
FROM pizza_sales
```



B. Daily Trend for Total Orders

```
SELECT EXTRACT(DOW FROM order_date) AS order_day, COUNT(DISTINCT
order_details_id) AS total_orders
FROM pizza_sales
GROUP BY EXTRACT(DOW FROM order_date)
```

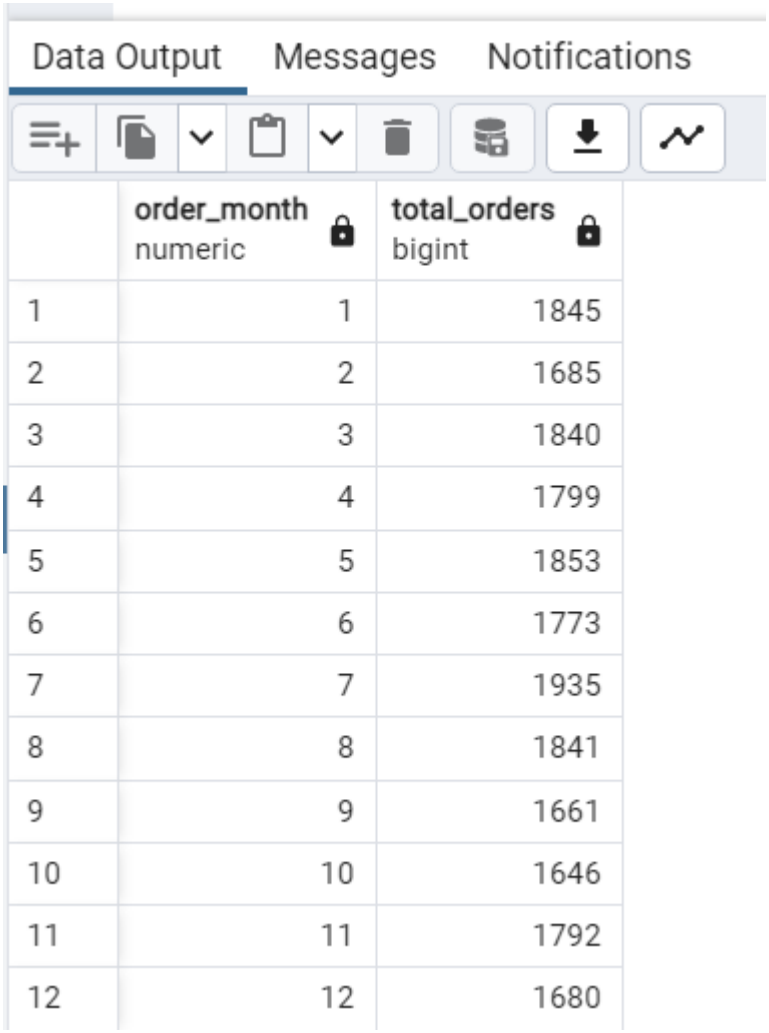


	order_day numeric	total_orders bigint
1	0	2624
2	1	2794
3	2	2973
4	3	3024
5	4	3239
6	5	3538
7	6	3158

Here order_day =0 means sunday
order_day =1 means monday
And vice versa

C. Monthly Trend for Orders

```
SELECT EXTRACT(month FROM order_date) AS order_month, COUNT(DISTINCT
order_details_id) AS total_orders
FROM pizza_sales
GROUP BY EXTRACT(month FROM order_date)
```



Data Output | Messages | Notifications

	order_month numeric	total_orders bigint
1	1	1845
2	2	1685
3	3	1840
4	4	1799
5	5	1853
6	6	1773
7	7	1935
8	8	1841
9	9	1661
10	10	1646
11	11	1792
12	12	1680

Here order_month =1 means january
order_month=2 means feburary
And vice versa

D. % of Sales by Pizza Category

```
select pizza_type, sum (total_price)as total_sales, sum (total_price)*100/ (select sum
(total_price )from pizza_sales) as perct_sales
from pizza_sales
group by pizza_type
```

Data Output | Messages | Notifications

	pizza_type character varying (180)	total_sales numeric	perct_sales numeric
1	Supreme	208197.00	25.4563112600988396
2	Chicken	195919.50	23.9551375568472870
3	Veggie	193690.45	23.6825909273842145
4	Classic	220053.10	26.9059602556696589

E. % of Sales by Pizza Size

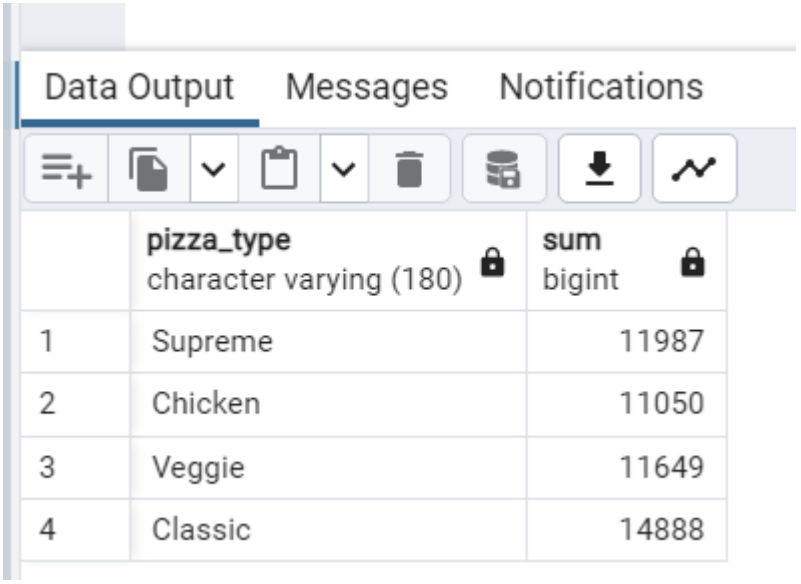
```
select pizza_size, sum (total_price)as total_sales, round (sum
(total_price)*100/ (select sum (total_price )from pizza_sales),2) as
perct_sales
from pizza_sales
group by pizza_size
```

Data Output | Messages | Notifications

	pizza_size character varying (180)	total_sales numeric	perct_sales numeric
1	S	178076.50	21.77
2	XXL	1006.60	0.12
3	XL	14076.0	1.72
4	M	249382.25	30.49
5	L	375318.70	45.89

F. Total Pizzas Sold by Pizza Category

```
select pizza_type,sum(quantity) from pizza_sales
group by pizza_type
```

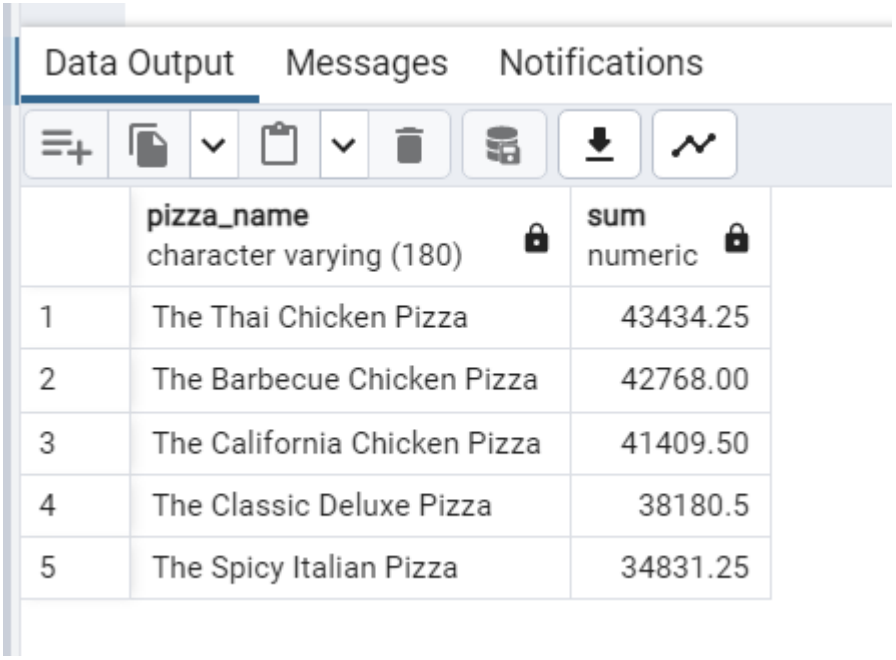


Data Output | Messages | Notifications

	pizza_type character varying (180)	sum bigint
1	Supreme	11987
2	Chicken	11050
3	Veggie	11649
4	Classic	14888

G. Top 5 Pizzas by Revenue

```
select pizza_name, sum (total_price)
from pizza_sales
group by pizza_name
order by sum(total_price) desc
limit 5
```



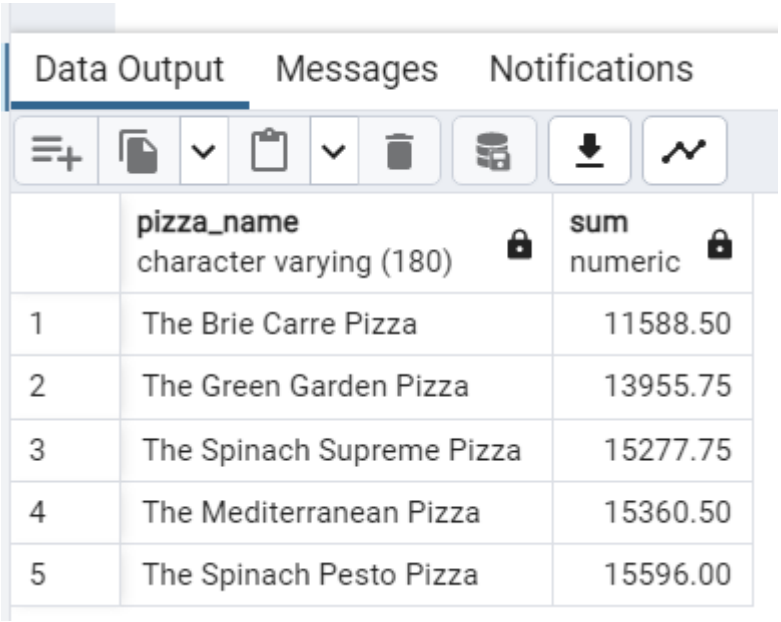
Data Output | Messages | Notifications

	pizza_name character varying (180)	sum numeric
1	The Thai Chicken Pizza	43434.25
2	The Barbecue Chicken Pizza	42768.00
3	The California Chicken Pizza	41409.50
4	The Classic Deluxe Pizza	38180.5
5	The Spicy Italian Pizza	34831.25

H. Bottom 5 Pizzas by Revenue

```
select pizza_name, sum (total_price)
from pizza_sales
group by pizza_name
order by sum(total_price) asc
```

```
limit 5
```

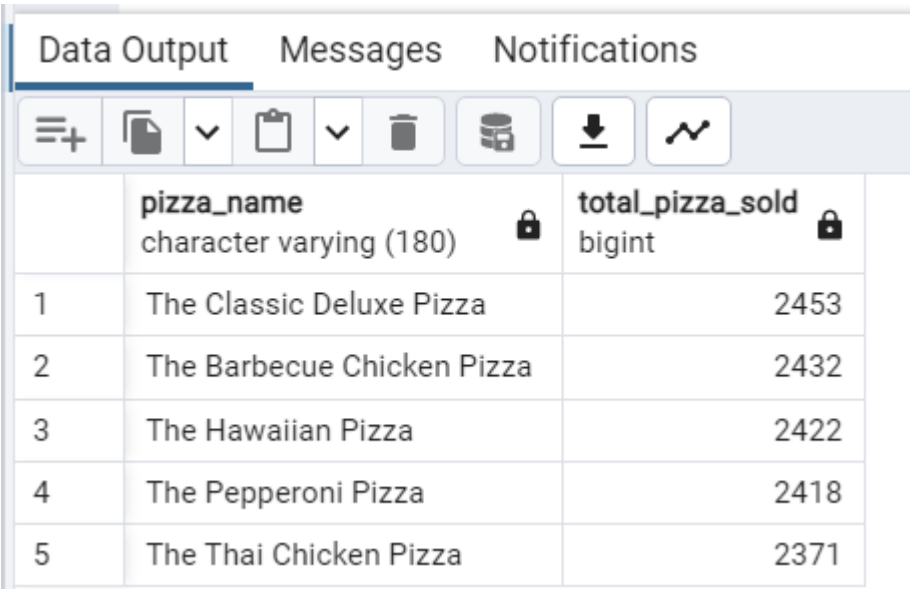


Data Output | Messages | Notifications

	pizza_name character varying (180)	sum numeric
1	The Brie Carre Pizza	11588.50
2	The Green Garden Pizza	13955.75
3	The Spinach Supreme Pizza	15277.75
4	The Mediterranean Pizza	15360.50
5	The Spinach Pesto Pizza	15596.00

I. Top 5 Pizzas by Quantity

```
select pizza_name, SUM(quantity) AS Total_Pizza_Sold
from pizza_sales
group by pizza_name
order by sum(quantity) desc
limit 5
```



Data Output | Messages | Notifications

	pizza_name character varying (180)	total_pizza_sold bigint
1	The Classic Deluxe Pizza	2453
2	The Barbecue Chicken Pizza	2432
3	The Hawaiian Pizza	2422
4	The Pepperoni Pizza	2418
5	The Thai Chicken Pizza	2371

J. Bottom 5 Pizzas by Quantity

```
select pizza_name, SUM(quantity) AS Total_Pizza_Sold
from pizza_sales
group by pizza_name
order by sum(quantity) asc
limit 5
```

Data Output | Messages | Notifications

	pizza_name character varying (180)	total_pizza_sold bigint
1	The Brie Carre Pizza	490
2	The Mediterranean Pizza	934
3	The Calabrese Pizza	937
4	The Spinach Supreme Pizza	950
5	The Soppressata Pizza	961

K. Top 5 Pizzas by Total Orders

```
SELECT  pizza_name, COUNT(DISTINCT order_details_id) AS Total_Orders
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Orders DESC
limit 5
```

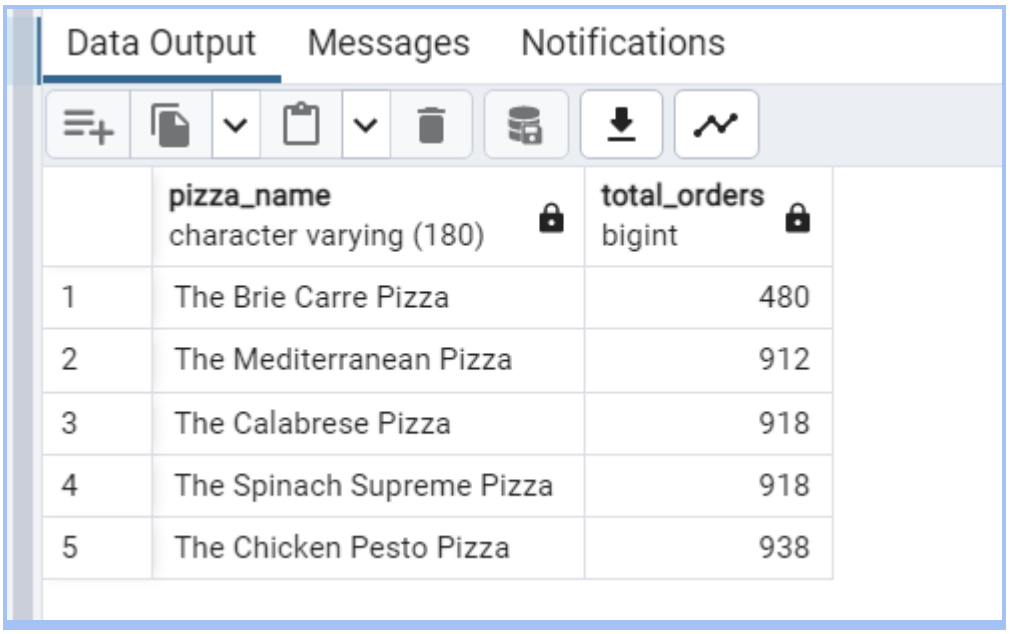
Data Output | Messages | Notifications

	pizza_name character varying (180)	total_orders bigint
1	The Classic Deluxe Pizza	2329
2	The Hawaiian Pizza	2280
3	The Pepperoni Pizza	2278
4	The Barbecue Chicken Pizza	2273
5	The Thai Chicken Pizza	2225

L. Bottom 5 Pizzas by Total Orders

```
SELECT  pizza_name, COUNT(DISTINCT order_details_id) AS Total_Orders
FROM pizza_sales
```

```
GROUP BY pizza_name
ORDER BY Total_Orders asc
limit 5
```



Data Output | Messages | Notifications

	pizza_name character varying (180)	total_orders bigint
1	The Brie Carre Pizza	480
2	The Mediterranean Pizza	912
3	The Calabrese Pizza	918
4	The Spinach Supreme Pizza	918
5	The Chicken Pesto Pizza	938