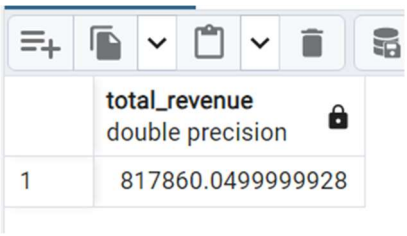
Pizza Sales SQL Queries

Finding KPI through sql queries

1. **Total revenue:**

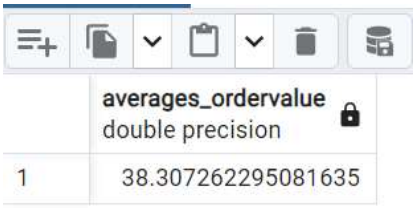
   select sum(total_price) as Total_Revenue from PizzaSaleRevenue



	total_revenue double precision
1	817860.0499999928

2. **Average_ordervalue**

   select sum(total_price)/ count(distinct (order_id)) as Averages_ordervalue from PizzaSaleRevenue



	averages_ordervalue double precision
1	38.307262295081635

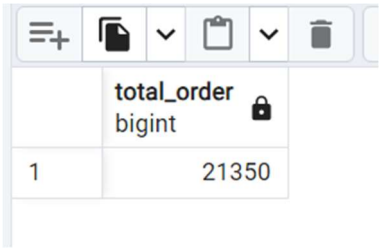
3. **Average pizza sold**

   select sum(quantity) as total_pizza_sold from PizzaSaleRevenue

	total_pizza_sold bigint
1	49574

4. **Total_orders**

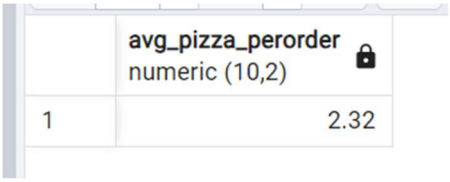
select count (distinct (order_id)) as total_order from PizzaSaleRevenue



	total_order bigint
1	21350

5. **Average pizzas per order**

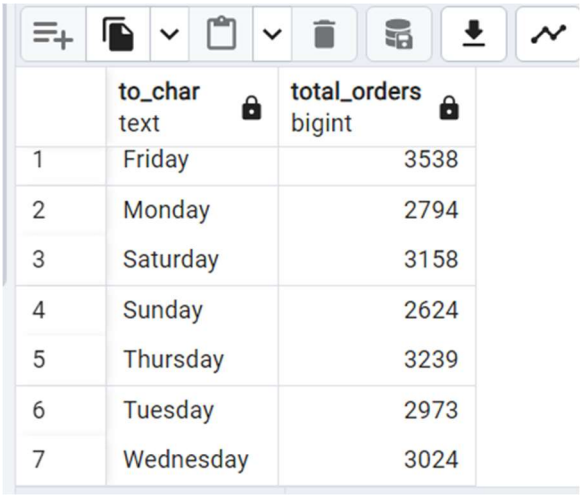
select cast(cast(sum(quantity) as decimal(10,2))/ cast(count (distinct (order_id)) as decimal(10,2))as decimal(10,2)) as avg_pizza_perorder from PizzaSaleRevenue



	avg_pizza_perorder numeric (10,2)
1	2.32

6. **Daily trends of oder**

select to_char(order_date, 'Day'), count(distinct order_id) as total_orders from PizzaSaleRevenue
group by to_char(order_date, 'Day')



	to_char text	total_orders bigint
1	Friday	3538
2	Monday	2794
3	Saturday	3158
4	Sunday	2624
5	Thursday	3239
6	Tuesday	2973
7	Wednesday	3024

7. Monthly trends of orders

select to_char(order_date, 'Month') as month_name, count(distinct order_id) as total_orders from PizzaSaleRevenue
group by to_char(order_date, 'Month')

	month_name text	total_orders bigint
6	July	1935
7	June	1773
8	March	1840
9	May	1853
10	November	1792
11	October	1646
12	September	1661

	month_name text	total_orders bigint
1	April	1799
2	August	1841
3	December	1680
4	February	1685
5	January	1845
6	July	1935
7	June	1773

8. Percentage of sales by pizza category

select pizza_category, sum(total_price)*100/(select sum(total_price) from PizzaSaleRevenue) as total_sales
from PizzaSaleRevenue
group by pizza_category

	pizza_category character varying (50)	total_sales double precision
1	Classic	26.905960255669903
2	Supreme	25.456311260098843
3	Chicken	23.955137556847497
4	Veggie	23.682590927384787

9. Percentage 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 PizzaSaleRevenue where extract
(quarter from order_date) = 1) as decimal(10,2)) as total_sales
from PizzaSaleRevenue
where extract (quarter from order_date) = 1
group by pizza_size
order by total_sales desc
```

	pizza_size character varying (50)	total_revenue numeric (10,2)	total_sales numeric (10,2)
1	L	95229.65	46.37
2	M	61159.00	29.78
3	S	45384.25	22.10
4	XL	3289.50	1.60
5	XXL	287.60	0.14

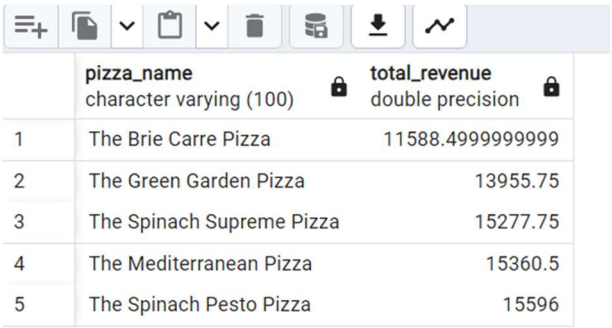
10. Top 5 best pizza

```
select  pizza_name, sum(total_price) as total_revenue from PizzaSaleRevenue
group by pizza_name
order by total_revenue desc
limit 5
```

	pizza_name character varying (100)	total_revenue double precision
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

11. Bottom 5 bad pizza

```
select  pizza_name, sum(total_price) as total_revenue from PizzaSaleRevenue
group by pizza_name
order by total_revenue asc
limit 5
```



	pizza_name character varying (100)	total_revenue double precision
1	The Brie Carre Pizza	11588.4999999999
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