PIZZA SALES SQL QUERIES

1. **Total Revenue:**

   select sum(total_price) as total_revenue
   from pizza_sales

   Data Output   Messages

	total_revenue numeric
1	817860.05

2. **Average Order Value**

   select round(sum(total_price) / count(order_id),2) as average_order_value
   from pizza_sales

   Data Output   Messages   N

	average_order_value numeric
1	38.31

3. **Total Pizzas Sold**

   select sum(quantity) as total_pizza_sold from pizza_sales

   Data Output   Messages

	total_pizza_sold bigint
1	49574

4. **Total Orders**

   select count(distinct order_id) as total_orders
   from pizza_sales

   Data Output   Messages

	total_orders bigint
1	21350

5. **Average Pizzas Per Order**

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

   Data Output   Messages   No

	avg_pizza_per_order numeric (10,2)
1	2.32

6.**Daily Trend for Total Orders**

   select to_char(order_date,'Dy') as Day_name,
   count(distinct order_id) as order_count
   from pizza_sales
   group by day_name

	day_name text	order_count bigint
1	Fri	3538
2	Mon	2794
3	Sat	3158
4	Sun	2624
5	Thu	3239
6	Tue	2973
7	Wed	3024

5. Monthly Trend for Orders

select extract(month from order_date) as month, to_char(order_date,'Month') as month_name,
count(distinct order_id)
from pizza_sales
group by month, month_name
order by month

Data Output   Messages   Notifications

	month numeric	month_name text	count bigint
1	1	January	1845
2	2	February	1685
3	3	March	1840
4	4	April	1799
5	5	May	1853
6	6	June	1773
7	7	July	1935
8	8	August	1841
9	9	September	1661
10	10	October	1646
11	11	November	1792
12	12	December	1680

6.% of Sales by Pizza Category

select pizza_category, cast(sum(total_price) as decimal (10,2)) as total_revenue,
round((sum(total_price) / (select sum(total_price) from pizza_sales)*100),2) as total_percentage
from pizza_sales
group by pizza_category
order by total_percentage desc

Data Output Messages Notifications

	pizza_category character varying (50) 🔒	total_revenue numeric (10,2) 🔒	total_percentage numeric 🔒
1	Classic	220053.10	26.91
2	Supreme	208197.00	25.46
3	Chicken	195919.50	23.96
4	Veggie	193690.45	23.68

7.% of Sales by Pizza Size

```
select pizza_size,round(sum(total_price),2)as total_revenue,
round((sum(total_price)/ (select sum(total_price) from pizza_sales)* 100),2) as total_percentage
from pizza_sales
group by pizza_size
order by total_percentage desc
```

Data Output Messages Notifications

	pizza_size character varying (5) 🔒	total_revenue numeric 🔒	total_percentage numeric 🔒
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

8. Total Pizzas Sold by Pizza Category

```
select pizza_category , sum(quantity) as total_quantity_sold
from pizza_sales
group by pizza_category
order by total_quantity_sold
```

	pizza_category character varying (50) 🔒	total_quantity_sold bigint 🔒
1	Classic	14888
2	Supreme	11987
3	Veggie	11649
4	Chicken	11050

9. Top 5 Pizzas by Revenue

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

pizza_name character varying (100)	total_revenue 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	38180.50
5	The Spicy Italian Pizza	34831.25

10.Bottom 5 Pizzas by Revenue

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

pizza_name character varying (100)	total_revenue 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

11. Top 5 Pizzas by Quantity

```
select pizza_name , sum(quantity) as total_quantity_sold
   from pizza_sales
     group by pizza_name
       order by total_quantity_sold desc
         limit 5
```

pizza_name character varying (100)	total_quantity_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

12. Bottom 5 Pizzas by Quantity

```
select pizza_name, sum(quantity) as total_quantity_sold
    from pizza_sales
      group by pizza_name
       order by total_quantity_sold asc
        limit 5
```

	pizza_name character varying (100)	total_quantity_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

13. Top 5 Pizzas by Total Orders

```
select pizza_name, count(distinct order_id) as total_quantity_sold from pizza_sales
    group by pizza_name
      order by 2 desc
        limit 5
```

	pizza_name character varying (100)	total_quantity_sold 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

14. Bottom 5 Pizzas by Total Orders

```
select pizza_name, count(distinct order_id) as total_quantity_sold from pizza_sales
    group by pizza_name
      order by 2 asc
        limit 5
```

	pizza_name character varying (100)	total_quantity_sold 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