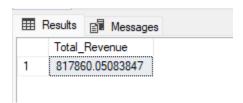
SQL Queries

1.KPI's:

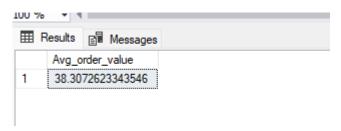
A. Total Revenue:

select sum(total_price) as Total_Revenue from pizza_sales



B. Average Order Value

select sum(total_price) / count(distinct order_id) as Avg_order_value from pizza_sales



C. Total Pizzas Sold

select sum(quantity) as Total_Pizzas_Sold from pizza_sales



D. Total Oreders

select count(distinct order_id) as Total_Orders from pizza_sales



E. Average Pizzas Per Order

```
\label{eq:cast} \begin{array}{l} \text{select } \text{cast}(\text{sum}(\text{quantity}) \text{ as decimal}(10,2)) \ / \ \text{cast}(\text{count}(\text{distinct order\_id}) \text{ as decimal}(10,2)) \text{ as avg\_pizzas\_per\_order} \\ \text{from pizza\_sales} \end{array}
```

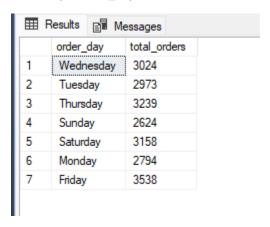
```
Results Messages

avg_pizzas_per_order

1 2.32
```

2. Daily Trend of Total Orders

```
select DATENAME(DW,order_date) as order_day , count(Distinct order_id) as total_orders
from pizza_sales
group by DATENAME(DW,order_date)
order by order_day desc
```



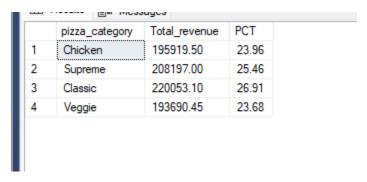
3. Monthly Trend of Total Orders

```
select DATENAME(MONTH,order_date) as order_day , count(Distinct order_id) as total_orders
from pizza_sales
group by DATENAME(MONTH,order_date)
order by order_day desc
```



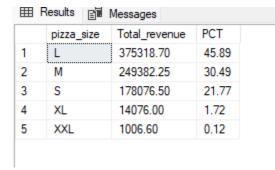
4. Percentage of Sales by Pizza Category

```
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
```



5. 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 pizza_sales) as
decimal(10,2)) as PCT
from pizza_sales
group by pizza_size
order by pizza_size
```



6. Total Pizzas Sold by Category

```
Select pizza_category, sum(quantity) as pizzas_sold from pizza_sales
--where MONTH(order_date) = 2
group by pizza_category
order by pizza_category
```



7. Top 5 Pizzas By Revenue

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



8. Bottom 5 Pizzas By Revenue

```
select top 5 pizza_name, sum(total_price) as revenue from pizza_sales
group by pizza_name
order by revenue
```

ı	⊞ Results				
ı		pizza_name	revenue		
ı	1	The Brie Carre Pizza	11588.4998130798		
ı	2	The Green Garden Pizza	13955.75		
ı	3	The Spinach Supreme Pizza	15277.75		
ı	4	The Mediterranean Pizza	15360.5		
ı	5	The Spinach Pesto Pizza	15596		

9. Top 5 Pizzas By Quantity

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



10. Bottom 5 pizzas By Quantity

```
select top 5 pizza_name , \mathsf{sum}(\mathsf{quantity}) as total from pizza_sales group by pizza_name order by total
```



11. Top 5 Pizzas by Total Orders

select top 5 pizza_name , count(distinct order_id) as total_order from pizza_sales
group by pizza_name
order by total_order desc

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		pizza_name	total_order
3 The Pepperoni Pizza 2278 4 The Barbecue Chicken Pizza 2273	1	The Classic Deluxe Pizza	2329
4 The Barbecue Chicken Pizza 2273	2	The Hawaiian Pizza	2280
	3	The Pepperoni Pizza	2278
5 The Thai Chicken Pizza 2225	4	The Barbecue Chicken Pizza	2273
	5	The Thai Chicken Pizza	2225

12. Bottom 5 Pizzas By Total Orders

select top 5 pizza_name , count(distinct order_id) as total_order from pizza_sales
group by pizza_name
order by total_order

