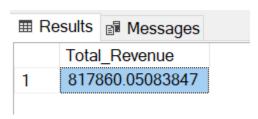# SQL QUERIES OF PIZZA SALES

A.KPI's

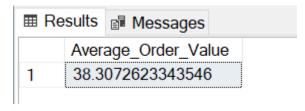### 1.Total revenue:

select SUM(total_price) as Total_Revenue from pizza_sales

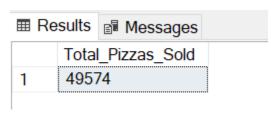|	Total_Revenue
1	817860.05083847

2.Average Order Value:

select (SUM(total_price)/COUNT(DISTINCT order_id)) as Average_Order_Value from pizza_sales

	Average_Order_Value
1	38.3072623343546

3. Total Pizzas sold:

select SUM(quantity) as Total_Pizzas_Sold from pizza_sales

	Total_Pizzas_Sold
1	49574

4.Total Orders:

select COUNT(DISTINCT order_id) as Total_Orders from pizza_sales
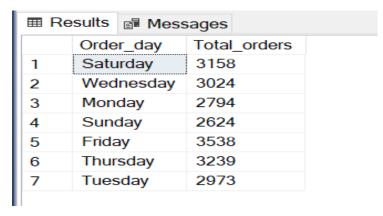
	Total_Orders
1	21350

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_Pizzas_per_Order from
pizza_sales
```

⊞ Results | 🔳 Messages

	AVG_Pizzas_per_Order
1	2.32

6.Daily Trend

```
SELECT DATENAME(DW, order_date) as Order_day, COUNT (DISTINCT order_id) AS
Total_orders
from pizza_sales
GROUP BY DATENAME(DW, order_date)
```

⊞ Results | 🔳 Messages

	Order_day	Total_orders
1	Saturday	3158
2	Wednesday	3024
3	Monday	2794
4	Sunday	2624
5	Friday	3538
6	Thursday	3239
7	Tuesday	2973

7.Hourly Trend

```
SELECT DATEPART(HOUR, order_time) AS order_hours, COUNT(DISTINCT order_id) AS
Total_orders
from pizza_sales
GROUP BY DATEPART(HOUR, order_time)
ORDER BY DATEPART(HOUR, order_time)
```

⊞ Results | 🔳 Messages

	Order_Hours	Total_orders
1	9	1
2	10	8
3	11	1231
4	12	2520
5	13	2455
6	14	1472
7	15	1468
8	16	1920
9	17	2336
10	18	2399
11	19	2009
12	20	1642
13	21	1198
14	22	663
15	23	28

8.Percent of Sales by Pizza Category

```sql
SELECT pizza_category,sum(total_price) as Total_Sales, sum(total_price)*100/
(SELECT sum(total_price) from pizza_sales)
as Percentage_Total_Sales_per_Pizza_Type
from pizza_sales
GROUP BY pizza_category
```

⊞ Results 📄 Messages

	pizza_category	Total_Sales	Percentage_Total_Sales_per_Pizza_Type
1	Classic	220053.100021362	26.9059602306976
2	Chicken	195919.5	23.9551375322885
3	Veggie	193690.451004028	23.6825910258677
4	Supreme	208196.99981308	25.4563112111462

Per month

```sql
SELECT pizza_category,sum(total_price) as Total_Sales, sum(total_price)*100/
(SELECT sum(total_price) from pizza_sales Where MONTH(order_date)=1 )
as Percentage_Total_Sales_per_Pizza_Type
from pizza_sales
Where MONTH(order_date)=1
GROUP BY pizza_category
```

⊞ Results 📄 Messages

	pizza_category	Total_Sales	Percentage_Total_Sales_per_Pizza_Type
1	Classic	18619.4000015259	26.6779189176038
2	Chicken	16188.75	23.1952780348435
3	Veggie	17055.4000778198	24.4370162489706
4	Supreme	17929.7499866486	25.6897867985821

9.Percent of Sales by Pizza Size

```sql
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
```

⊞ Results 📄 Messages

	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

10. Total pizzas sold by category

```sql
SELECT pizza_category, SUM(quantity) as Total_Quantity_Sold
FROM pizza_sales
WHERE MONTH(order_date) = 2
GROUP BY pizza_category
ORDER BY Total_Quantity_Sold DESC
```

▦ Results ▣ Messages

	pizza_category	Total_Quantity_Sold
1	Classic	1178
2	Supreme	964
3	Veggie	944
4	Chicken	875

11. Top 5 by Total pizzas sold

```sql
SELECT Top 5 pizza_name, SUM(quantity) AS Total_Pizza_Sold
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Pizza_Sold DESC
```

▦ Results ▣ Messages

	pizza_name	Total_Pizza_Sold
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