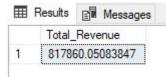# PIZZA SALES SQL QUERIES

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 AVG_ORDER_VAL FROM
pizza_sales;
```

	AVG_ORDER_VAL
1	38.3072623343546

3. TOTAL PIZZA SOLD

```
SELECT sum(quantity) as Total_Pizza_Sale  FROM pizza_sales;
```

	Total_Order
1	49574

4. TOTAL ORDER

```
SELECT COUNT(DISTINCT order_id) AS Total_Order FROM pizza_sales;
```

	Total_Order
1	21350

5. AVERAGE PIZZ PER ORDER

```
SELECT CAST(CAST (SUM(quantity) AS DECIMAL(10,2) )/CAST( COUNT(DISTINCT order_id)
AS DECIMAL (10,2)) AS DECIMAL(10,2)) Avg_Pizza_Per_Order FROM pizza_sales;
```

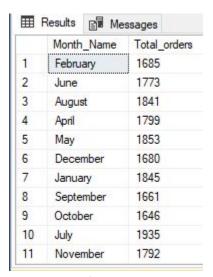|	Avg_Pizza_Per_Order
1	2.32

B. CHARTS REQUIREMENT

6. Daily Trend for 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)
```

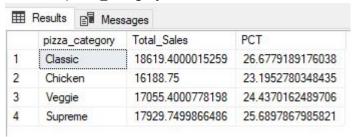|	order_day	Total_orders
1	Saturday	3158
2	Wednesday	3024
3	Monday	2794
4	Sunday	2624
5	Friday	3538
6	Thursday	3239
7	Tuesday	2973

7. Monthly Trend for Total Orders

```
SELECT DATENAME(MONTH, order_date) AS Month_Name, COUNT(DISTINCT order_id) AS
Total_orders
FROM pizza_sales
GROUP BY DATENAME(MONTH, order_date)
```

	Month_Name	Total_orders
1	February	1685
2	June	1773
3	August	1841
4	April	1799
5	May	1853
6	December	1680
7	January	1845
8	September	1661
9	October	1646
10	July	1935
11	November	1792

8. Percentage of Sales by Pizza Category

```
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 PCT
FROM pizza_sales
WHERE MONTH (order_date) = 1
GROUP BY pizza_category
```

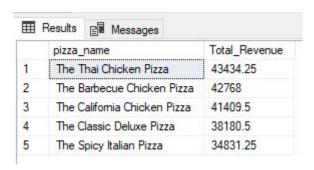|	pizza_category	Total_Sales	PCT
1	Classic	18619.4000015259	26.6779189176038
2	Chicken	16188.75	23.1952780348435
3	Veggie	17055.4000778198	24.4370162489706
4	Supreme	17929.7499866486	25.6897867985821

9. Percentage of Sales by Pizza Size

```sql
SELECT pizza_size,CAST(sum(total_price) AS DECIMAL (10,2)) as Total_Sales,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 PCT DESC
```

	pizza_size	Total_Sales	PCT
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 Sellers by Revenue, Total Quantity and Total Orders

```sql
SELECT TOP 5 pizza_name, SUM(total_price) AS Total_Revenue  FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Revenue DESC
```

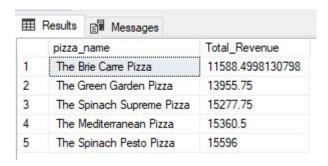|	pizza_name	Total_Revenue
1	The Thai Chicken Pizza	43434.25
2	The Barbecue Chicken Pizza	42768
3	The California Chicken Pizza	41409.5
4	The Classic Deluxe Pizza	38180.5
5	The Spicy Italian Pizza	34831.25

11. Bottom 5 Best Sellers by Revenue, Total Quantity and Total Orders

```sql
SELECT TOP 5 pizza_name, SUM(total_price) AS Total_Revenue  FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Revenue ASC
```

	pizza_name	Total_Revenue
1	The Brie Carre Pizza	11588.4998130798
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

12. TOP 5 Pizzas by Quantity

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

	pizza_name	Total_Revenue
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

13. Bottom 5 Pizzas by Quantity

```
SELECT TOP 5 pizza_name, SUM(quantity) AS Total_Pizza_SOld FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Pizza_SOld  ASC
```

	pizza_name	Total_Pizza_SOld
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

14. 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
```

	pizza_name	Total_Order
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

15. 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 ASC
```

	pizza_name	Total_Order
1	The Brie Carre Pizza	480
2	The Mediterranean Pizza	912
3	The Spinach Supreme Pizza	918
4	The Calabrese Pizza	918
5	The Chicken Pesto Pizza	938