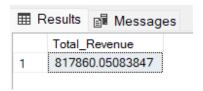# PIZZA SALES SQL QUERIES

KPI'S

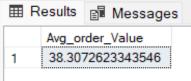### 1.Total Revenue:

```
SELECT SUM (total_price) AS Total_Revenue FROM pizza_sales;
```

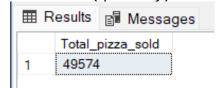|	Total_Revenue
1	817860.05083847

2. Average Order Value

```
SELECT (SUM (total_price) / COUNT (DISTINCT order_id)) AS Avg_order_Value
FROM pizza_sales
```

	Avg_order_Value
1	38.3072623343546

3. Total Pizzas Sold

```
SELECT SUM(quantity) AS Total_pizza_sold FROM pizza_sales
```

	Total_pizza_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
```

	Avg_Pizzas_per_order
1	2.32

B. 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

C. MONTHLY TREND FOR 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
12	March	1840

D. 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
```

Results **Messages**

	pizza_category	total_revenue	PCT
1	Classic	220053.10	26.91
2	Chicken	195919.50	23.96
3	Veggie	193690.45	23.68
4	Supreme	208197.00	25.46

E. 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
```

	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

F. TOP 5 PIZZAS BY REVENUE

```
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

G. BOTTOM 5 PIZZAS BY REVENUE

```
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