PIZZA SALES SQL QUERIES

1. Total Revenue:

```sql
SELECT SUM(total_price) AS Total_revenue FROM pizza_sales
```

	Total_revenue
1	817860.05083847

2. Average Order Value:

```sql
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:

```sql
SELECT SUM(quantity) AS Total_Pizzas_Sold FROM pizza_sales
```

	Total_Pizzas_Sold
1	49574

4. Total Orders:

```sql
SELECT COUNT(DISTINCT order_id) AS Total_Orders FROM pizza_sales
```

	Total_Orders
1	21350

5. Average Pizzas Per Order:

```sql
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
```

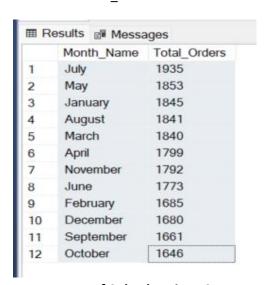|	Avg_Pizzas_per_Order
1	2.32

B. CHARTS REQUIREMENTS

1. 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)
```

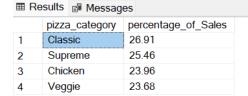|	Order_day	Total_orders
1	Saturday	3158
2	Wednesday	3024
3	Monday	2794
4	Sunday	2624
5	Friday	3538
6	Thursday	3239
7	Tuesday	2973

2. Monthly trends 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)
ORDER BY Total_Orders DESC
```

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

3. Percentage of Sales by Pizza Category:

```
SELECT pizza_category, CAST(SUM(total_price) * 100 / (SELECT SUM(total_price)
FROM pizza_sales) AS DECIMAL(10,2)) AS percentage_of_Sales FROM pizza_sales
GROUP BY pizza_category
ORDER BY percentage_of_Sales DESC
```

	pizza_category	percentage_of_Sales
1	Classic	26.91
2	Supreme	25.46
3	Chicken	23.96
4	Veggie	23.68

4. Percentage of Sales by Pizza Size:

```sql
SELECT pizza_size, CAST(SUM(total_price) * 100 / (SELECT SUM(total_price)
FROM pizza_sales) AS DECIMAL(10,2)) AS percentage_of_Sales FROM pizza_sales
GROUP BY pizza_size
ORDER BY percentage_of_Sales DESC
```

▦ Results ▦ Messages

	pizza_size	percentage_of_Sales
1	L	45.89
2	M	30.49
3	S	21.77
4	XL	1.72
5	XXL	0.12

5. Total Pizzas Sold by Pizza Category:

```sql
SELECT pizza_category, SUM(quantity) AS total_pizzas_sold
FROM pizza_sales
GROUP BY pizza_category
ORDER BY total_pizzas_sold DESC
```

▦ Results ▦ Messages

	pizza_category	total_pizzas_sold
1	Classic	14888
2	Supreme	11987
3	Veggie	11649
4	Chicken	11050

6. Top 5 Best Sellers by Revenue, Total Quantity and Total Orders:

a) By Revenue:

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

▦ Results ▦ Messages

	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

b) By Total 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_Quantity
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

C) By Total Orders:

```sql
SELECT TOP 5 pizza_name, COUNT(DISTINCT order_id) AS Total_Orders
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Orders DESC
```

	pizza_name	Total_Orders
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

7. Bottom 5 Worst Sellers by Revenue, Total Quantity and Total Orders:

a) By Revenue:

```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

b) By Total Quantity:

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

	pizza_name	Total_Quantity
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

C) By Total Orders:

```
SELECT TOP 5 pizza_name, COUNT(DISTINCT order_id) AS Total_Orders
FROM pizza_sales
GROUP BY pizza_name
ORDER BY Total_Orders ASC
```

⊞ Results ▣ Messages

	pizza_name	Total_Orders
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