Pizza Sale SQL Queries

A. KPI's:
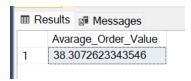
1. Total Revenue:

```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 Avarage_Order_Value FROM pizza_sales
```

	Avarage_Order_Value
1	38.3072623343546

3. Total Pizza Sold:

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

	Total_Pizza_Sold
1	49574

4. Total Orders:

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

	Total_Order
1	21350

5. Average Pizzas Per Order:

```sql
SELECT SUM(quantity)/COUNT(DISTINCT(order_id)) AS Average_Pizzas_Per_Order FROM pizza_sales
```

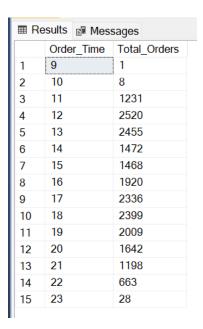|	Average_Pizzas_Per_Order
1	2

B. Charts:

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)
```

⊞ Results ⊞ Messages

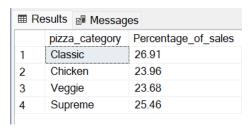|	Order_Day	Total_Orders
1	Saturday	1291
2	Wednesday	1227
3	Monday	1056
4	NULL	12773
5	Sunday	1118
6	Friday	1371
7	Thursday	1341
8	Tuesday	1173

2. Hourly Trend for Total Orders:

```
SELECT DATEPART(HOUR, order_time) AS Order_Time , COUNT(DISTINCT(order_id)) AS
Total_Orders FROM pizza_sales
GROUP BY DATEPART(HOUR, order_time)
ORDER BY DATEPART(HOUR, order_time)
```

⊞ Results ⊞ Messages

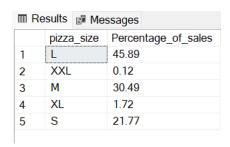|	Order_Time	Total_Orders
1	9	1
2	10	8
3	11	1231
4	12	2520
5	13	2455
6	14	1472
7	15	1468
8	16	1920
9	17	2336
10	18	2399
11	19	2009
12	20	1642
13	21	1198
14	22	663
15	23	28

3. Percentage of Sales by Pizza Category:

```sql
SELECT pizza_category, ROUND(SUM(total_price) * 100 / (SELECT SUM(total_price)
FROM pizza_sales),2) AS Percentage_of_sales  FROM pizza_sales
GROUP BY pizza_category
```

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

4. Percentage of Sales by Pizza Size:

```sql
SELECT pizza_size, ROUND(SUM(total_price) * 100 / (SELECT SUM(total_price) FROM
pizza_sales),2) AS Percentage_of_sales  FROM pizza_sales
GROUP BY pizza_size
```

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

5. Total Pizzas Sold by Pizza Category:

```sql
SELECT pizza_category, Round(SUM(total_price),2) AS Sum_of_Sales  FROM pizza_sales
GROUP BY pizza_category
```

	pizza_category	Sum_of_Sales
1	Classic	220053.1
2	Chicken	195919.5
3	Veggie	193690.45
4	Supreme	208197

6. Top 5 Best Sellers 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

7. Bottom 5 Worst Sellers 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 ASC
```

Results | Messages

	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