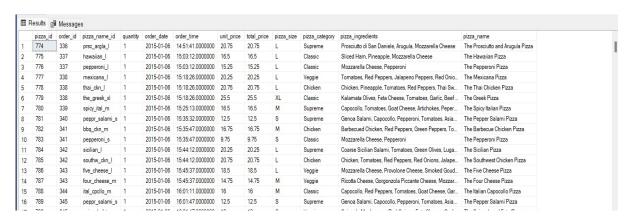
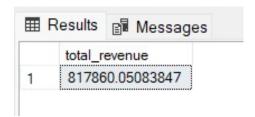
SQL Queries for Pizza sales

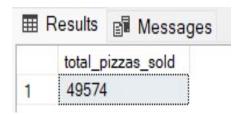
1. Data select * from pizza_sales;



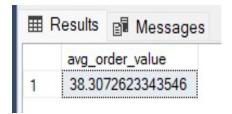
2. Total Revenue select sum(total_price) as total_revenue from pizza sales;



3. Total Pizzas Sold select sum(quantity) as total_pizzas_sold from pizza_sales;



4. Average Order Value select sum(total_price) / count(distinct order_id) as avg_order_value from pizza_sales;



5. Total Orders select count(distinct order_id) as total_orders from pizza sales;



6. 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
2.32

Chart Requirements:

 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 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) 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) as decimal(10,3)) as total_sales, cast(sum(total_price)*100 / (select sum(total_price) from pizza_sales where month(order_date) = 1) as decimal(10,3)) as perc_total_sales from pizza_sales where month(order_date) = 1 group by pizza_category;

	pizza_category	total_sales	perc_total_sales
1	Classic	18619.400	26.678
2	Chicken	16188.750	23.195
3	Veggie	17055.400	24.437
4	Supreme	17929.750	25.690

4. Percentage of Sales by Pizza Size select pizza_size, cast(sum(total_price) as decimal(10,3)) as total_sales, cast(sum(total_price)*100 / (select sum(total_price) from pizza_sales where datepart(quarter, order_date) = 1) as decimal(10,3)) as perc_total_sales from pizza_sales where datepart(quarter, order_date) = 1 group by pizza_size order by perc_total_sales desc;

5.

	pizza_size	total_sales	perc_total_sales
1	L	95229.650	46.374
2	M	61159.000	29.783
3	S	45384.250	22.101
4	XL	3289.500	1.602
5	XXL	287.600	0.140

6. 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

7. 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

8. Top 5 Pizzas by Quantity select top 5 pizza_name, sum(quantity) as total_pizzas from pizza_sales group by pizza_name order by total_pizzas desc;



9. Bottom 5 Pizzas by Quantity select top 5 pizza_name, sum(quantity) as total_pizzas from pizza_sales group by pizza_name order by total_pizzas asc;



10. Top 5 Pizzas by Orders 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

11. Bottom 5 Pizzas by 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;

	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