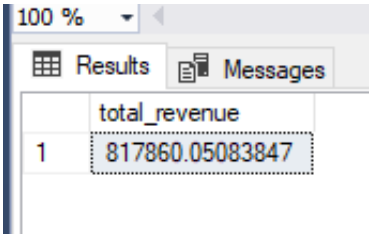
Sql query

1. KPI

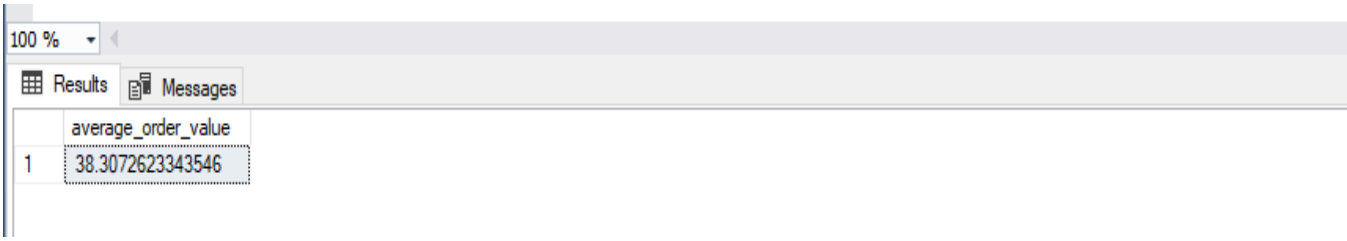
- **Total revenue**

  SELECT sum(total_price) as total_revenue FROM pizza_sales;



- **Average order value**

  select (sum(total_price)/count(distinct order_id)) as average_order_value from pizza_sales;

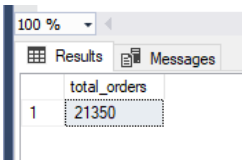


- **Total pizza sold**

  select sum(quantity) as total_pizza_sold from pizza_sales;

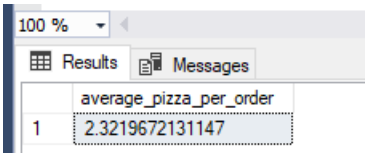
- **Total orders**

  select count(distinct (order_id)) as total_orders from pizza_sales;



- **Average pizza per order**

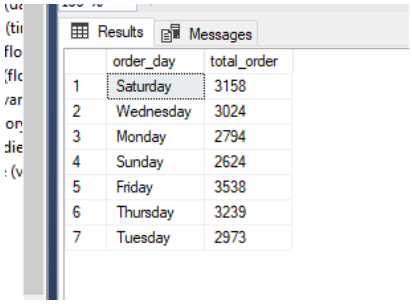
  select (cast (sum (quantity) as decimal (10,2))/
  cast (count (distinct order_id) as decimal (10,2))) as average_pizza_per_order
  from pizza_sales;



2. Charts

- **B. Daily Trend for Total Orders**

select datename (DW, order_date) as order_day, count (distinct order_id) AS total_order from pizza_sales
group by datename (DW, order_date);

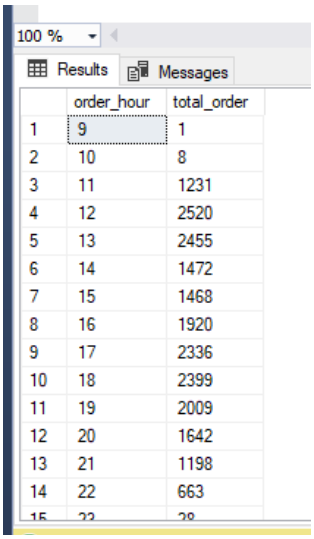


Results | Messages

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

- **C. Hourly Trend for Orders**

```
select datepart (hour,order_time) as order_hour , count ( distinct order_id) as
total_order from pizza_sales
group by datepart (hour,order_time)
order by datepart (hour,order_time);
```



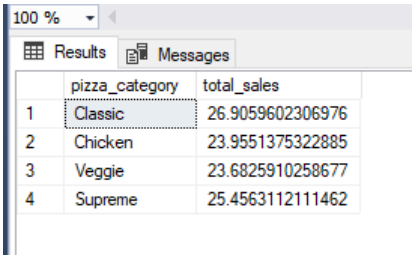
100 %

Results | Messages

	order_hour	total_order
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

- **D. % of Sales by Pizza Category**

```
select pizza_category, sum(total_price)*100/(select sum(total_price) from
pizza_sales) as total_sales
from pizza_sales
group by pizza_category;
```



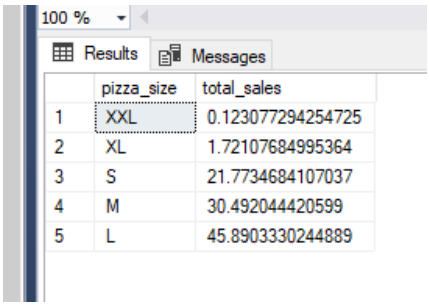
100 %

Results | Messages

	pizza_category	total_sales
1	Classic	26.9059602306976
2	Chicken	23.9551375322885
3	Veggie	23.6825910258677
4	Supreme	25.4563112111462

- **E. % of Sales by Pizza Size**

```
select pizza_size, sum(total_price)*100/(select sum(total_price) from pizza_sales)
as total_sales
from pizza_sales
group by pizza_size
order by total_sales;
```



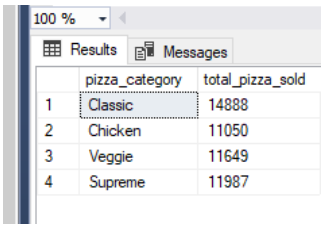
100 %

Results | Messages

	pizza_size	total_sales
1	XXL	0.123077294254725
2	XL	1.72107684995364
3	S	21.7734684107037
4	M	30.492044420599
5	L	45.8903330244889

- **F. Total Pizzas Sold by Pizza Category**

```
select pizza_category, sum (quantity) as total_pizza_sold from pizza_sales
group by pizza_category;
```



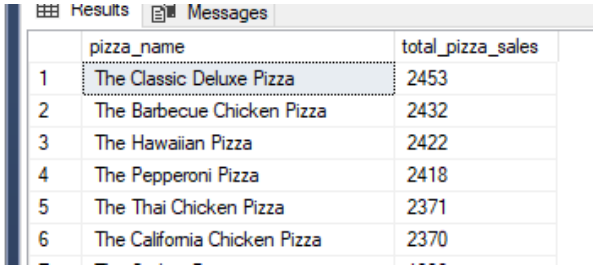
100 %

Results | Messages

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

- **Top 5 Best Sellers by Total Pizzas Sold**

```
select pizza_name, sum (quantity) as total_pizza_sales
from pizza_sales
group by pizza_name
order by total_pizza_sales desc;
```

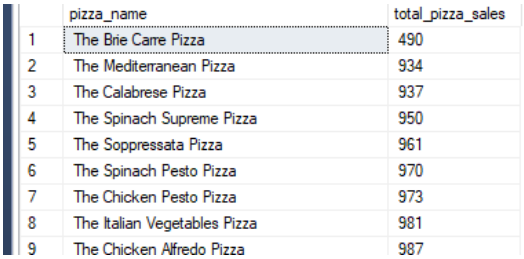


Results | Messages

	pizza_name	total_pizza_sales
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
6	The California Chicken Pizza	2370

- **Bottom 5 Best Sellers by Total Pizzas Sold**

```
select pizza_name, sum (quantity) as total_pizza_sales
from pizza_sales
group by pizza_name
order by total_pizza_sales;
```



	pizza_name	total_pizza_sales
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
6	The Spinach Pesto Pizza	970
7	The Chicken Pesto Pizza	973
8	The Italian Vegetables Pizza	981
9	The Chicken Alfredo Pizza	987