select * from [project_pizzasales].[dbo].[pizza_sales] ;

	pizza_id	order_id	pizza_name_id	quantity	order_date	order_time	unit_price	total_price	pizza_size	pizza_category	pizza_ingredients	pizza_name
1	32236	14244	ital_veggie_s	1	2015-08-26	14:38:53.0000000	12.75	12.75	S	Veggie	Eggplant, Artichokes, Tomatoes, Zucchini, Red Pepper...	The Italian Vegetables Pizza
2	32237	14244	mexicana_l	2	2015-08-26	14:38:53.0000000	20.25	40.5	L	Veggie	Tomatoes, Red Peppers, Jalapeno Peppers, Red Oni...	The Mexicana Pizza
3	32238	14244	pepperoni_l	1	2015-08-26	14:38:53.0000000	15.25	15.25	L	Classic	Mozzarella Cheese, Pepperoni	The Pepperoni Pizza
4	32239	14244	sicilian_m	1	2015-08-26	14:38:53.0000000	16.25	16.25	M	Supreme	Coarse Sicilian Salami, Tomatoes, Green Olives, Luga...	The Sicilian Pizza
5	32240	14244	sicilian_s	1	2015-08-26	14:38:53.0000000	12.25	12.25	S	Supreme	Coarse Sicilian Salami, Tomatoes, Green Olives, Luga...	The Sicilian Pizza
6	32241	14244	spinach_supr_s	1	2015-08-26	14:38:53.0000000	12.5	12.5	S	Supreme	Spinach, Red Onions, Pepperoni, Tomatoes, Artichoke...	The Spinach Supreme Pizza
7	32242	14244	the_greek_m	1	2015-08-26	14:38:53.0000000	16	16	M	Classic	Kalamata Olives, Feta Cheese, Tomatoes, Garlic, Beef...	The Greek Pizza
8	32243	14245	cali_ckn_m	1	2015-08-26	14:48:23.0000000	16.75	16.75	M	Chicken	Chicken, Artichoke, Spinach, Garlic, Jalapeno Peppers...	The California Chicken Pizza
9	32244	14245	thai_ckn_m	1	2015-08-26	14:48:23.0000000	16.75	16.75	M	Chicken	Chicken, Pineapple, Tomatoes, Red Peppers, Thai Sw...	The Thai Chicken Pizza
10	32245	14246	big_meat_s	1	2015-08-26	15:00:40.0000000	12	12	S	Classic	Bacon, Pepperoni, Italian Sausage, Chorizo Sausage	The Big Meat Pizza
11	32246	14246	peppr_salami_m	1	2015-08-26	15:00:40.0000000	16.5	16.5	M	Supreme	Genoa Salami, Capocollo, Pepperoni, Tomatoes, Asia...	The Pepper Salami Pizza
12	32247	14246	spicy_ital_l	1	2015-08-26	15:00:40.0000000	20.75	20.75	L	Supreme	Capocollo, Tomatoes, Goat Cheese, Artichokes, Peper...	The Spicy Italian Pizza
13	32248	14247	five_cheese_l	1	2015-08-26	15:02:29.0000000	18.5	18.5	L	Veggie	Mozzarella Cheese, Provolone Cheese, Smoked Gou...	The Five Cheese Pizza
14	32249	14248	prsc_argla_s	1	2015-08-26	15:02:59.0000000	12.5	12.5	S	Supreme	Prosciutto di San Daniele, Arugula, Mozzarella Cheese	The Prosciutto and Arugula Pizza
15	32250	14248	spicy_ital_s	1	2015-08-26	15:02:59.0000000	12.5	12.5	S	Supreme	Capocollo, Tomatoes, Goat Cheese, Artichokes, Peper...	The Spicy Italian Pizza
16	32251	14249	cali_ckn_m	1	2015-08-26	15:05:02.0000000	16.75	16.75	M	Chicken	Chicken, Artichoke, Spinach, Garlic, Jalapeno Peppers...	The California Chicken Pizza
17	32252	14249	hawaiian_m	1	2015-08-26	15:06:02.0000000	13.25	13.25	M	Classic	Sliced Ham, Pineapple, Mozzarella Cheese	The Hawaiian Pizza

Query executed successfully.   LAPTOP-641LB7GH\SQLEXPRESS ...   sa (52)   master   00:00:00   48,620 rows

total revenue

use project_pizzasales

select SUM(total_price) as total_revenue from pizza_sales;

	total_revenue
1	817860.05083847

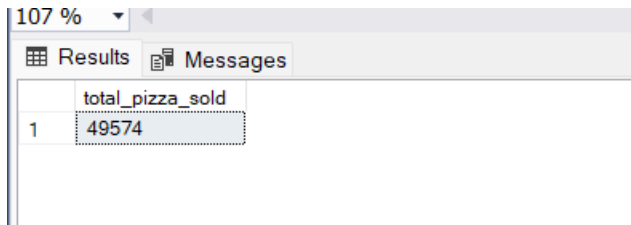**average order value**

select SUM(total_price)/COUNT(distinct order_id) as average_order_value from pizza_sales;

	average_order_value
1	38.3072623343546

total pizza sold

select sum(quantity) as total_pizza_sold from pizza_sales;

```
107 %    ▼ ◄
```
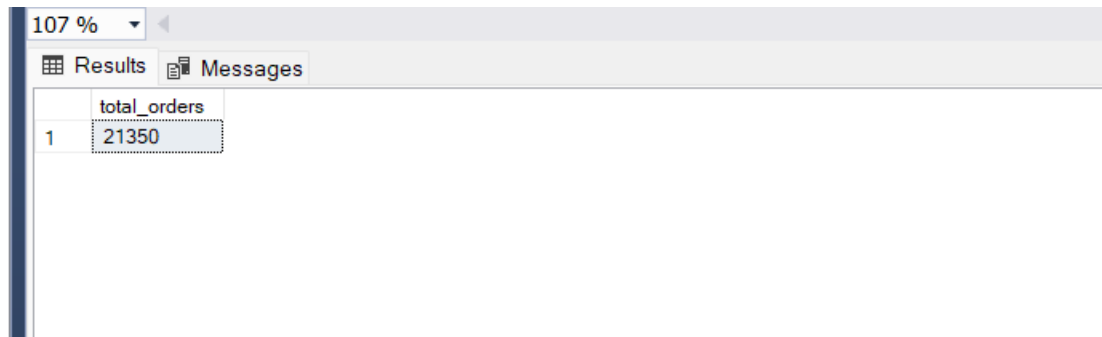
	total_pizza_sold
1	49574

total orders placed

select count(distinct order_id) as total_orders from pizza_sales;

```
107 %    ▼ ◄
```
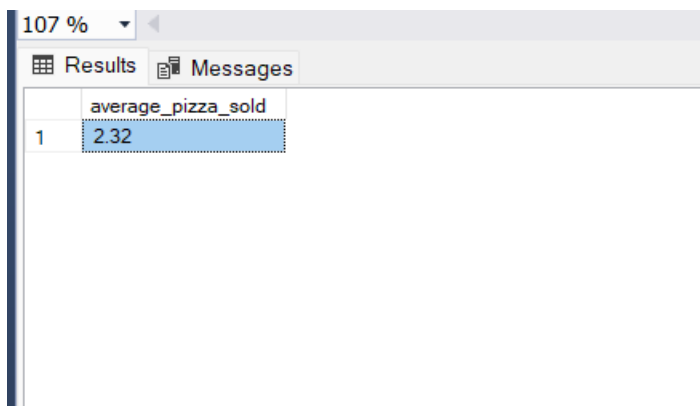
	total_orders
1	21350

average pizza sold 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 average_pizza_sold from pizza_sales;

```
107 %    ▼ ◄
```
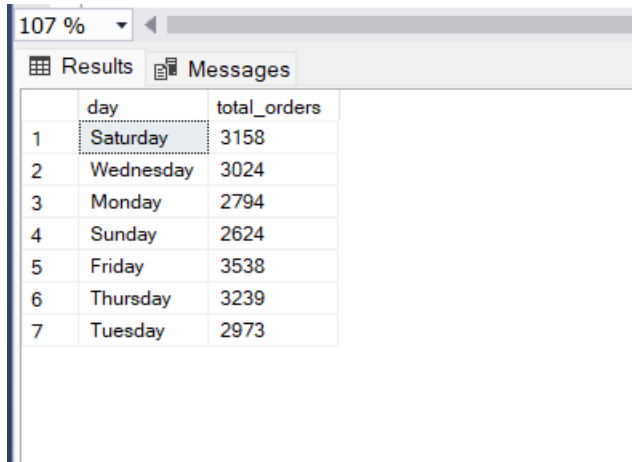
	average_pizza_sold
1	2.32

sales by day

select DATENAME(DW,order_date) as day,count(distinct order_id) as total_orders from pizza_sales

group by DATENAME(DW,order_date);
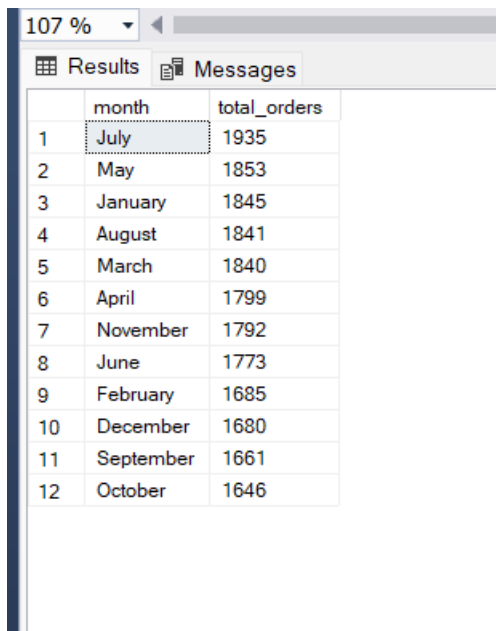
	day	total_orders
1	Saturday	3158
2	Wednesday	3024
3	Monday	2794
4	Sunday	2624
5	Friday	3538
6	Thursday	3239
7	Tuesday	2973

sales by month

select datename(MONTH,order_date) as month,count(distinct order_id) as total_orders from pizza_sales

group by DATENAME(MONTH,order_date) order by total_orders desc;
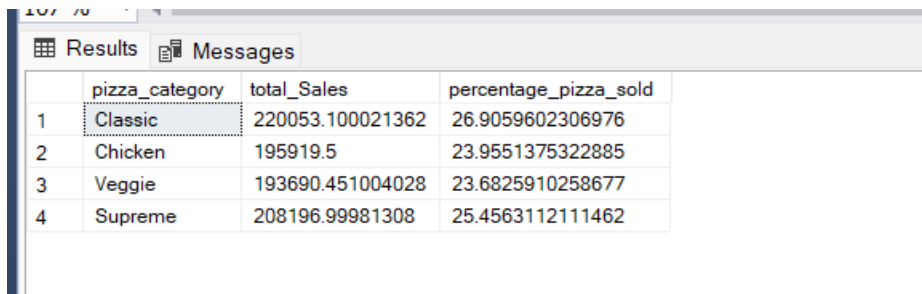
	month	total_orders
1	July	1935
2	May	1853
3	January	1845
4	August	1841
5	March	1840
6	April	1799
7	November	1792
8	June	1773
9	February	1685
10	December	1680
11	September	1661
12	October	1646

percentage of pizza category sold

select pizza_category,sum (total_price) as total_Sales,(sum (total_price) / (select sum(total_price) from pizza_sales)) *100 as percentage_pizza_sold

from pizza_sales

group by pizza_category;

	pizza_category	total_Sales	percentage_pizza_sold
1	Classic	220053.100021362	26.9059602306976
2	Chicken	195919.5	23.9551375322885
3	Veggie	193690.451004028	23.6825910258677
4	Supreme	208196.99981308	25.4563112111462

percentage of pizza sizes sold

select pizza_size,sum (total_price) as total_Sales,(sum (total_price) / (select sum(total_price) from pizza_sales)) *100 as percentage_pizza_sold

from pizza_sales

group by pizza_size;
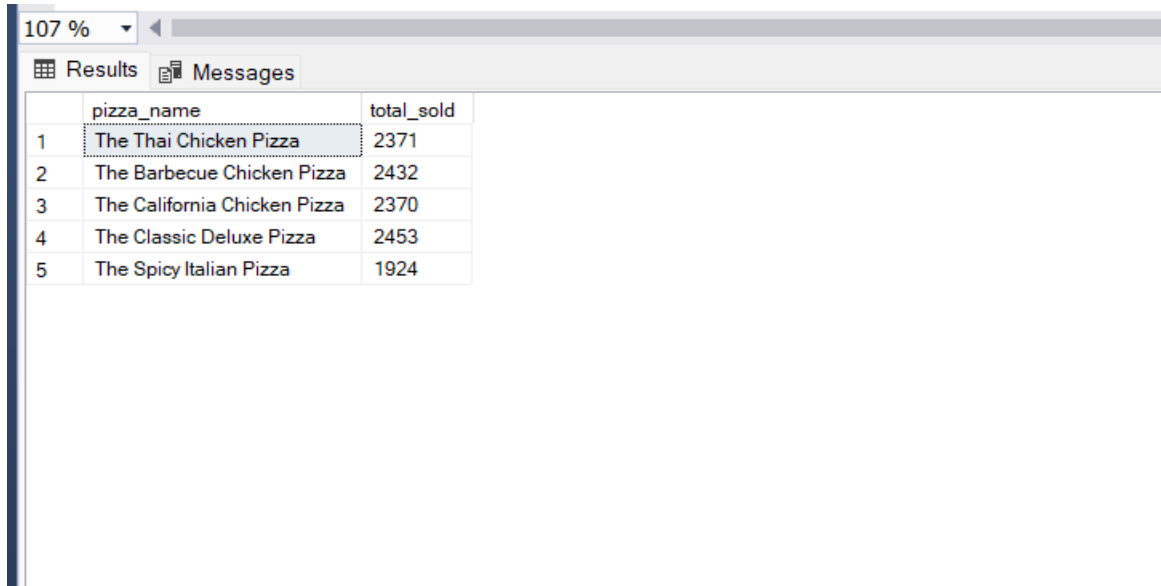
	pizza_size	total_Sales	percentage_pizza_sold
1	L	375318.701004028	45.8903330244889
2	XXL	1006.6000213623	0.123077294254725
3	M	249382.25	30.492044420599
4	XL	14076	1.72107684995364
5	S	178076.49981308	21.7734684107037

5 best seller pizzas

select top 5 pizza_name,sum(quantity)as total_sold from pizza_sales

group by pizza_name

order by sum(total_price) desc;

	pizza_name	total_sold
1	The Thai Chicken Pizza	2371
2	The Barbecue Chicken Pizza	2432
3	The California Chicken Pizza	2370
4	The Classic Deluxe Pizza	2453
5	The Spicy Italian Pizza	1924

5 worst seller pizzas

select top 5 pizza_name,sum(quantity)as total_sold from pizza_sales

group by pizza_name

order by sum(total_price) asc;

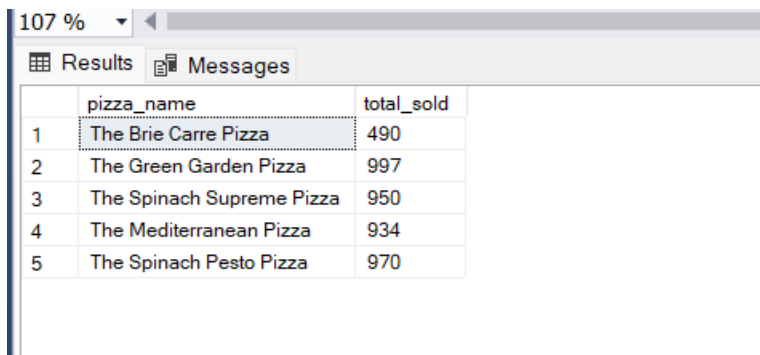|	pizza_name	total_sold
1	The Brie Carre Pizza	490
2	The Green Garden Pizza	997
3	The Spinach Supreme Pizza	950
4	The Mediterranean Pizza	934
5	The Spinach Pesto Pizza	970