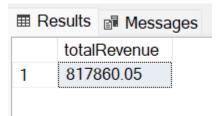
SELECT * FROM pizza_sales;

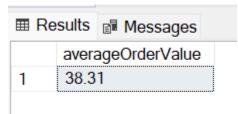
- Total Revenue : sum of total price

SELECT ROUND(SUM(total_price),2) as totalRevenue FROM pizza_sales;



- Average order value : average amount spend per order

SELECT ROUND(SUM(total_price)/COUNT(DISTINCT(order_id)),2) AS averageOrderValue FROM pizza_sales; --distinct order id is used to get the number of total orders as there would be multiple pizza in one order



-- Total number of pizza sold

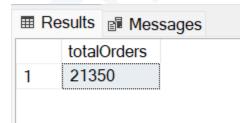
SELECT SUM(quantity) AS totalPizzaSold FROM pizza_sales



-- Total orders: number of orders placed

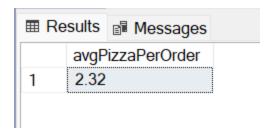
 ${\tt SELECT\ COUNT(DISTINCT(order_id))\ AS\ totalOrders}$

FROM pizza sales



--Average pizza per order : avg number of pizza sold per order

SELECT CAST(SUM(quantity) AS DECIMAL(10,2)) / COUNT(DISTINCT order_id) AS DECIMAL(10,2)) AS avgPizzaPerOrder FROM pizza_sales;



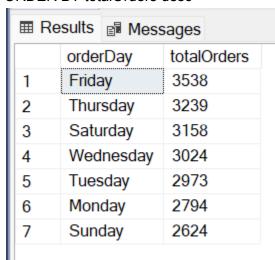
--Daily trend for total order : orders placed on each day of the week

SELECT DATENAME(WEEKDAY, order_date) AS orderDay, COUNT(DISTINCT order_id) AS totalOrders

FROM pizza_sales

GROUP BY DATENAME(WEEKDAY, order_date)

ORDER BY totalOrders desc



--Monthly trend of total order

SELECT DATENAME(MONTH, order_date) AS orderMonth, COUNT(DISTINCT order_id) AS totalOrders

FROM pizza_sales

GROUP BY DATENAME(MONTH, order_date)

ORDER BY totalOrders desc

■ Results		
	orderMonth	totalOrders
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 sales by pizza category

SELECT pizza_category AS pizzaCategory,

ROUND(SUM(total_price),2) AS revenuePerCategory,

ROUND(SUM(total_price)*100/(SELECT SUM(total_price) FROM pizza_sales),2) AS percentageSalesPerCategory

FROM pizza_sales

GROUP BY pizza_category

■ Results			
	pizzaCategory	revenuePerCategory	percentageSalesPerCategory
1	Classic	220053.1	26.91
2	Chicken	195919.5	23.96
3	Veggie	193690.45	23.68
4	Supreme	208197	25.46

--Percentage sales by pizza size

SELECT pizza_size AS pizzaSize,

ROUND(SUM(total price),2) AS revenueBySize,

ROUND(SUM(total_price)*100/(SELECT SUM(total_price) FROM pizza_sales),2) AS percentageSalesBySize

FROM pizza_sales

GROUP BY pizza_size order by pizzaSize

■ R	esults 🗐 Me	essages	
	pizzaSize	revenueBySize	percentageSalesBySize
1	L	375318.7	45.89
2	M	249382.25	30.49
3	S	178076.5	21.77
4	XL	14076	1.72
5	XXL	1006.6	0.12

--Pizza sold per category

SELECT pizza_category, SUM(quantity) AS quantityPerCategory FROM pizza_sales GROUP BY pizza_category ORDER BY quantityPerCategory DESC

⊞R	Results Mes	sages
	pizza_catego	ory quantityPerCategory
1	Classic	14888
2	Supreme	11987
3	Veggie	11649
4	Chicken	11050

--Top 5 pizza by revenue

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

⊞ Re	esults Messages		
	pizza_name	revenuePerPizza	
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	

--Bottom 5 pizza by revenue

SELECT TOP 5 pizza_name, SUM(total_price) AS revenuePerPizza FROM pizza_sales GROUP BY pizza_name ORDER BY revenuePerPizza ASC

⊞ R	esults 🗈 Messages	
	pizza_name	revenuePerPizza
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

--Top 5 pizza by quantity ordered

SELECT TOP 5 pizza_name, SUM(quantity) AS quantityPerPizza FROM pizza_sales GROUP BY pizza_name ORDER BY quantityPerPizza DESC

≣ Re	■ Results		
	pizza_name	quantityPerPizza	
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	

--Bottom 5 pizza by quantity ordered

SELECT TOP 5 pizza_name, SUM(quantity) AS quantityPerPizza

FROM pizza_sales

GROUP BY pizza_name

ORDER BY quantityPerPizza ASC

	pizza_name	quantityPerPizza
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

-- Top 5 pizza by total orders

SELECT TOP 5 pizza_name, COUNT(DISTINCT(order_id)) AS ordersPerPizza -- same pizza, differnt size would be considered as 1

FROM pizza sales

GROUP BY pizza_name

ORDER BY ordersPerPizza DESC

⊞ Re	esults Messages	
	pizza_name	ordersPerPizza
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

--Bottom 5 pizza by total orders

SELECT TOP 5 pizza_name, COUNT(DISTINCT(order_id)) AS ordersPerPizza -- same pizza, differnt size would be considered as 1

FROM pizza_sales

GROUP BY pizza name

ORDER BY ordersPerPizza ASC

	pizza_name	ordersPerPizza
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