1) Total Revenue

select sum(total_price) as total_revenue from pizza_sales

Data Output

	total_revenue double precision
1	538594.4500000089

2) Average Order Value

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

Data Output

	average_order_value double precision
1	38.11169332012517

3) Total Pizza Sold

select sum(quantity)as total_pizza_sold from pizza_sales

Data Output

	total_pizza_sold bigint
1	32634

4) Total Order

select count(distinct order_id)as total_order from pizza_sales

Data Output

	total_order bigint
1	14132

5) Average Pizza 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_order_value from pizza_sales

	average_order_value numeric (10,2)
1	2.31

DAILY TRENDS FOR ORDER

select to_char(order_date,'day') as order_day, count(distinct order_id) as total_daily_orders from pizza_sales
group by order_day

	order_day text	total_daily_orders bigint
1	friday	2394
2	monday	1960
3	saturday	2110
4	sunday	1762
5	thursday	2044
6	tuesday	1909
7	wednesday	1953

MONTHLY TREND FOR ORDER

select to_char(order_date,'month') as order_month, count(distinct order_id) as total_monthly_orders from pizza_sales
group by order_month
order by total_monthly_orders desc

	order_month text	total_monthly_orders bigint
1	july	1935
2	may	1853
3	january	1845
4	march	1840
5	april	1799
6	june	1773
7	february	1685
8	august	1402

PERCENTAGE PIZZA CATEGORY PER MONTH

select pizza_category, sum(quantity)as total_quantity, sum(total_price) as total_revenue,
sum(total_price)*100/(select sum(total_price)from pizza_sales where date_part('month', order_date)=1)
as pct from pizza_sales
where date_part('month', order_date)=1
group by pizza_category
order by pct

Data Output

	pizza_category character varying (255)	total_quantity bigint	total_revenue double precision	pct double precision
1	Chicken	913	16188.75	23.195278056776257
2	Veggie	1018	17055.40000000003	24.437016160577095
3	Supreme	1044	17929.749999999996	25.68978684200349
4	Classic	1257	18619.4	26.67791894064334

PERCENTAGE PIZZA SIZE PER MONTH

select pizza_size, sum(quantity)as total_quantity, cast(sum(total_price) as decimal(10,2)) as
total_revenue, cast(sum(total_price)*100/(select sum(total_price) from pizza_sales where
date_part('month', order_date)=1)as decimal(10,2)) as pct from pizza_sales
where date_part('month', order_date)=1
group by pizza_size
order by pct desc

Data Output

	pizza_size character varying (50)	total_quantity bigint	total_revenue numeric (10,2)	pct numeric (10,2)
1	L	1640	32399.40	46.42
2	M	1311	20943.50	30.01
3	S	1229	15103.50	21.64
4	XL	50	1275.00	1.83
5	XXL	2	71.90	0.10

PERCENTAGE PIZZA SIZE PER QUARTER

select pizza_size, sum(quantity)as total_quantity, cast(sum(total_price) as decimal(10,2)) as
total_revenue, cast(sum(total_price)*100/(select sum(total_price) from pizza_sales where
date_part('quarter', order_date)=1)as decimal(10,2)) as pct from pizza_sales
where date_part('quarter', order_date)=1
group by pizza_size
order by pct desc

	pizza_size character varying (50)	total_quantity bigint	total_revenue numeric (10,2)	pct numeric (10,2)
1	L	4812	95229.65	46.37
2	M	3834	61159.00	29.78
3	S	3671	45384.25	22.10
4	XL	129	3289.50	1.60
5	XXL	8	287.60	0.14

PERCENTAGE PIZZA ORDERS PER HOUR

select date_part('hour',order_time) as order_hour, count(distinct order_id) as total_daily_orders from pizza_sales
group by order_hour

	order_hour double precision	total_daily_orders bigint
1	10	6
2	11	818
3	12	1646
4	13	1594
5	14	1018
6	15	981
7	16	1265
8	17	1566
9	18	1595
10	19	1325
11	20	1078
12	21	788
13	22	433
14	23	19

TOP 5 PIZZA NAME wrt TOTAL REVENUE

select pizza_name,sum(total_price) as total_revenue from pizza_sales
group by pizza_name
order by total_revenue desc
limit 5

	pizza_name character varying (255)	total_revenue double precision
1	The Barbecue Chicken Pizza	28626.5
2	The Thai Chicken Pizza	27934
3	The California Chicken Pizza	27378.5
4	The Classic Deluxe Pizza	24693
5	The Spicy Italian Pizza	23362.75

BOTTOM PIZZA NAME WRT TOTAL REVENUE

select pizza_name,cast(sum(total_price) as decimal(10,2)) as total_revenue from pizza_sales
group by pizza_name
order by total_revenue asc
limit 5

	pizza_name character varying (255) 🔒	total_revenue numeric (10,2) 🔒
1	The Brie Carre Pizza	7568.00
2	The Green Garden Pizza	9440.75
3	The Mediterranean Pizza	9976.50
4	The Spinach Pesto Pizza	10288.25
5	The Spinach Supreme Pizza	10350.00

TOP 5 PIZZA NAME WRT TOTAL QUANTITY
select pizza_name,cast(sum(quantity) as decimal(10,2)) as total_quantity from pizza_sales
group by pizza_name
order by total_quantity desc
limit 5

	pizza_name character varying (255) 🔒	total_quantity numeric (10,2) 🔒
1	The Barbecue Chicken Pizza	1630.00
2	The Classic Deluxe Pizza	1588.00
3	The Pepperoni Pizza	1587.00
4	The California Chicken Pizza	1566.00
5	The Hawaiian Pizza	1558.00

BOTTOM PIZZA NAME WRT TOTAL QUANTITY
select pizza_name,cast(sum(quantity) as decimal(10,2)) as total_quantity from pizza_sales
group by pizza_name
order by total_quantity
limit 5

	pizza_name character varying (255) 🔒	total_quantity numeric (10,2) 🔒
1	The Brie Carre Pizza	320.00
2	The Mediterranean Pizza	607.00
3	The Calabrese Pizza	618.00
4	The Chicken Alfredo Pizza	632.00
5	The Spinach Pesto Pizza	635.00

TOP 5 PIZZA NAME WRT TOTAL ORDERS
select pizza_name,count(distinct order_id) as total_orders from pizza_sales
group by pizza_name

order by total_orders desc
limit 5

pizza_name character varying (255)	total_orders bigint
1	The Barbecue Chicken Pizza	1522
2	The Classic Deluxe Pizza	1507
3	The Pepperoni Pizza	1501
4	The Hawaiian Pizza	1472
5	The California Chicken Pizza	1468

BOTTOM 5 PIZZA NAME WRT TOTAL ORDERS
select pizza_name,count(distinct order_id) as total_orders from pizza_sales
group by pizza_name
order by total_orders
limit 5

pizza_name character varying (255)	total_orders bigint
1	The Brie Carre Pizza	313
2	The Mediterranean Pizza	594
3	The Calabrese Pizza	604
4	The Chicken Pesto Pizza	611
5	The Spinach Pesto Pizza	614