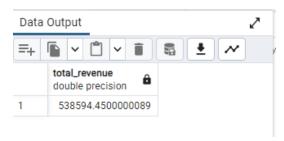
KEY PERFORMANCE INDICATORS AND DATA TRENDS USING PostgreSQL

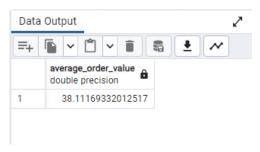
1) Total Revenue

select sum(total_price) as total_revenue from pizza_sales



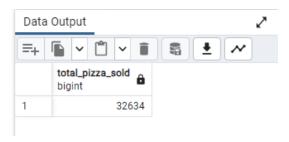
2) Average Order Value

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



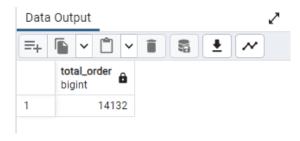
3) Total Pizza Sold

select sum(quantity)as total_pizza_sold from pizza_sales



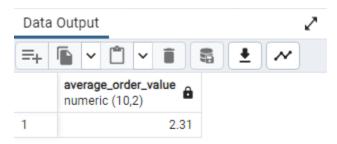
4) Total Order

select count(distinct order_id)as total_order from pizza_sales



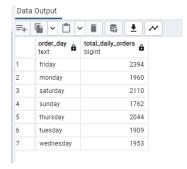
5) Average Pizza per Order

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



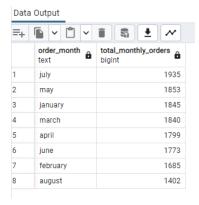
DAILY TRENDS FOR ORDER

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



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



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				

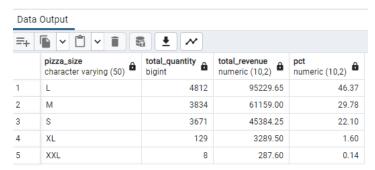
PERCENTAGE PIZZA SIZE PER MONTH

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



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

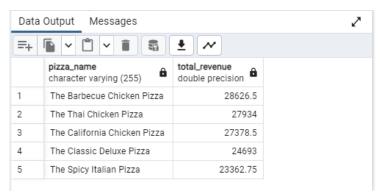
group by order_hour



TOP 5 PIZZA NAME wrt TOTAL REVENUE

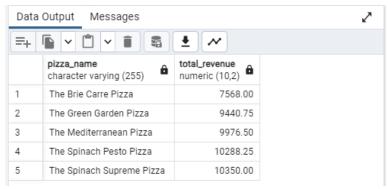
select pizza_name,sum(total_price) as total_revenue from pizza_sales group by pizza_name order by total_revenue desc

limit 5



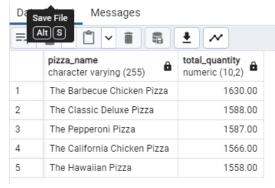
BOTTOM PIZZA NAME WRT TOTAL REVENUE

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



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



BOTTOM PIZZA NAME WRT TOTAL QUANTITY

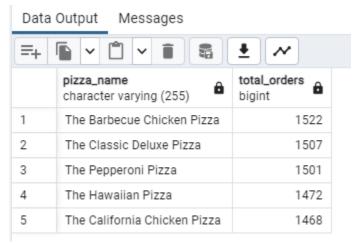
select pizza_name,cast(sum(quantity) as decimal(10,2)) as total_quantity from pizza_sales group by pizza_name order by total_quantity limit 5



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



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

