PIZZA SALES SQL QUERIES

<mark>A. KPI'S</mark>

1. Total Revenue:

select sum(Total price) as Total Revenue

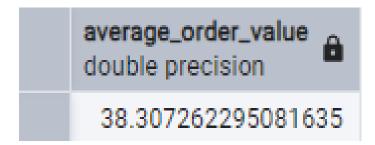
from pizza_sales;



2. Average Order Value:

select sum(Total_price)/ count (distinct order_id) as average_order_value

from pizza_sales;



3. Total Pizzas Sold:

select sum(quantity) as Total_Pizzas_Sold

from pizza_sales;



4. Total_orders:

select count(distinct order_id) as Total_Orders

from pizza_sales ;



5. Average pizzas per order:

select cast(cast(sum(quantity) as decimal(10,2))/cast(count(distinct order_id) as $decimal(10,2)) \ as \ decimal(10,2)) \ as \ Avg_pizzas_per_order$ $from \ pizza_sales$



B. daily Trend For Total Orders

SELECT TO_CHAR(order_date, 'Day') AS order_day,COUNT(DISTINCT order_id) as total_orders from pizza_sales

group by TO_CHAR(order_date, 'Day');

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

C. Hourly Trend For Orders

SELECT EXTRACT(HOUR from order_time) as order_hour ,count(distinct order_id) as total_orders from pizza_sales

group by order_hour;

1	order_hou	total_orde	ers
2	9	1	
3	10	8	
4	11	1231	
5	12	2520	
2 3 4 5 6 7 8	13	2455	
7	14	1472	
8	15	1468	
9	16	1920	
LO	17	2336	
11	18	2399	
12	19	2009	
L3	20	1642	
4	21	1198	
1.5	22	663	
16	23	28	
7			

D. Monthly Trend For Orders

 ${\tt SELECT\ to_char(order_date, 'month')\ AS\ Month_name, COUNT(DISTINCT\ order_id)\ as\ total_orders}$

from pizza_sales

group by month_name

order by total_orders desc;

1	month_name	total_orders	
2	July	1935	
3	May	1853	
4	January	1845	
5	August	1841	
6	March	1840	
7	April	1799	
8	November	1792	
9	June	1773	
10	February	1685	
11	December	1680	
12	September	1661	
13	October	1646	
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E. Percentage of Sales by pizza Category

select pizza_category,cast(sum(total_price) as decimal(10,2)) as total_sales_revenue, cast(sum(total_price) *100/ (select sum(total_price)

from pizza_sales)as decimal(10,2)) as percentage_of_total_sales

from pizza_sales

group by pizza_category

order by percentage_of_total_sales desc;

	pizza_category character varying (50)	total_sales_revenue numeric (10,2)	percentage_of_total_sales numeric (10,2)
1	Classic	220053.10	26.91
2	Supreme	208197.00	25.46
3	Chicken	195919.50	23.96
4	Veggie	193690.45	23.68

E. % of Sales by pizza Category in Month of January

select pizza_category,cast(sum(total_price)as decimal(10,2)) as total_sales, cast(sum(total_price) *100/(select sum(total_price)

from pizza_sales where extract('month' from order_date)=1)as decimal(10,2)) as percentage_of_total_sales

from pizza_sales

where extract('month' from order_date)=1

group by pizza_category;

	pizza_category character varying (50)	total_sales numeric (10,2)	percentage_of_total_sales numeric (10,2)
1	Chicken	16188.75	23.20
2	Classic	18619.40	26.68
3	Supreme	17929.75	25.69
4	Veggie	17055.40	24.44

F. Percentage of Sales by Pizza Size

select pizza_size,cast(sum(total_price) as decimal(10,2)) as
total sales,cast(sum(total price)*100/

(select sum(total_price) from pizza_sales) as
decimal(10,2))Percentage_of_total_sales

from pizza_sales

group by pizza_size

order by pizza_size;

	pizza_size character varying (50)	total_sales numeric (10,2)	percentage_of_total_sales numeric (10,2)
1	L	375318.70	45.89
2	М	249382.25	30.49
3	S	178076.50	21.77
4	XL	14076.00	1.72
5	XXL	1006.60	0.12

G. Percentage of Sales by Pizza Size by quarterly_month

select pizza_size,cast(sum(total_price) as decimal(10,2)) as
total_sales,cast(sum(total_price)*100/

(select sum(total_price) from pizza_sales where extract('quarter' from order_date)=1) as decimal(10,2))Percentage_of_total_sales

from pizza_sales

where extract('quarter' from order_date)=1

group by pizza_size

order by pizza_size;

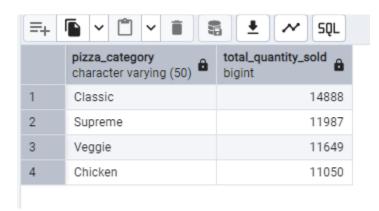
	pizza_size character varying (50)	total_sales numeric (10,2)	percentage_of_total_sales numeric (10,2)
1	L	95229.65	46.37
2	М	61159.00	29.78
3	S	45384.25	22.10
4	XL	3289.50	1.60
5	XXL	287.60	0.14

H. Total Pizzas Sold by Pizza Category

select pizza_category,sum(quantity) as total_quantity_sold from pizza_sales

group by pizza_category

order by total_quantity_sold desc



I. Top 5 Pizzas by Revenue

select pizza_name,sum(total_price) as total_revenue

from pizza_sales

group by pizza_name

order by total revenue desc

limit 5;

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	pizza_name character varying (50)	total_revenue double precision
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

J. Bottom 5 Pizzas by Revenue

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

	pizza_name character varying (50)	total_revenue double precision
1	The Brie Carre Pizza	11588.4999999999
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

K. Top 5 Pizzas by Quantity

limit 5;

select pizza_name,sum(quantity) as total_pizzas_sold from pizza_sales group by pizza_name order by total_pizzas_sold desc limit 5;



L. Bottom 5 Pizzas by Quantity

select pizza_name,sum(quantity) as total_pizzas_sold from pizza_sales group by pizza_name order by total_pizzas_sold



M. Top 5 Pizzas by Total Orders

limit 5;

select pizza_name,COUNT(distinct order_id) as total_orders from pizza_sales group by pizza_name order by total_orders desc limit 5;



N. Bottom 5 Pizzas by 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 (50)	total_orders bigint
1	The Brie Carre Pizza	480
2	The Mediterranean Pizza	912
3	The Calabrese Pizza	918
4	The Spinach Supreme Pizza	918
5	The Chicken Pesto Pizza	938