PIZZA SALES SQL QUERIES REPORT
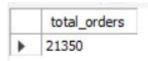
1. Total Revenue

select sum(total_price) as Total_Revenue from pizza_sales;
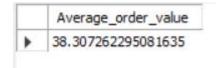
Total_Revenue
817860.049999993

2. Total Orders

select count(distinct(order_id)) as total_orders from pizza_sales;

total_orders
21350

3. Average order value

Select sum(total_price)/count(distinct(order_id)) as Average_order_value from pizza_sales;
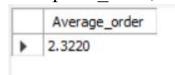
Average_order_value
38.307262295081635

4. Total Pizza Solds

select sum(quantity) as total_pizza_solds from pizza_sales;

total_pizza_solds
49574

5. Average pizza's per order

select sum(quantity)/count(distinct(order_id)) as Average_order from pizza_sales;

Average_order
2.3220

6. Daily trends for total orders

select dayname(orders_date) as weekday_name , count(distinct(order_id)) as total_orders from pizza_sales group by weekday_name order by total_orders desc ;

weekday_name	total_orders
Friday	3538
Thursday	3239
Saturday	3158
Wednesday	3024
Tuesday	2973
Monday	2794
Sunday	2624

Note: We can see that Friday, Thursday, and Saturday have higher pizza orders than other days.

7. Monthly trend for total orders

select monthname(orders_date) as month_name , count(distinct(order_id)) as total_orders from pizza_sales group by month_name order by total_orders desc ;

month_name	total_orders
July	1935
May	1853
January	1845
August	1841
March	1840
April	1799
November	1792
June	1773
February	1685
December	1680
September	1661
October	1646

Note: We can see that July, May, and January have higher pizza orders than other months.

8. Percentage of Sales by Pizza Category

select   pizza_category,sum(total_price)*100/(select sum(total_price) from pizza_sales)
as   percentage_of_sales   from   pizza_sales   group   by pizza_category;

pizza_category	percentage_of_sales
Classic	26.9059602556699
Veggie	23.682590927384783
Supreme	25.45631126009884
Chicken	23.955137556847493

Or

select   pizza_category,cast(sum(total_price)*100/(select sum(total_price) from pizza_sales) as decimal(10,2))
 as   percentage_of_sales   from   pizza_sales   group   by pizza_category order by percentage_of_sales desc;

pizza_category	percentage_of_sales
Classic	26.91
Supreme	25.46
Chicken	23.96
Veggie	23.68

Note: Classic and supreme pizza categories have a high percentage of sales.

Filtering by month
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   month(orders_date)   =   1)   as decimal(10,2)) as percentage_of_sales from pizza_sales
 where month(orders_date) = 1
group by pizza_category;

pizza_category	total_sales	percentage_of_sales
Classic	18619.40	26.68
Veggie	17055.40	24.44
Supreme	17929.75	25.69
Chicken	16188.75	23.20

9. 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))
as percentage_of_sales from pizza_sales
group by pizza_size
order by percentage_of_sales desc;

pizza_size	total_sales	percentage_of_sales
L	375318.70	45.89
M	249382.25	30.49
S	178076.50	21.77
XL	14076.00	1.72
XXL	1006.60	0.12

Note: L, M, and S size pizzas have a high percentage of sales.

10.Top 5 pizzas by 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	total_revenue
The Thai Chicken Pizza	43434.25
The Barbecue Chicken Pizza	42768
The California Chicken Pizza	41409.5
The Classic Deluxe Pizza	38180.5
The Spicy Italian Pizza	34831.25

Note: The Thai Chicken Pizza reigns supreme with the highest total revenue.

Bottom 5 pizzas by total revenue

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

pizza_name	total_revenue
The Brie Carre Pizza	11588.4999999999
The Green Garden Pizza	13955.75
The Spinach Supreme Pizza	15277.75
The Mediterranean Pizza	15360.5
The Spinach Pesto Pizza	15596

Note:The Brie Carre Pizza generated the lowest total revenue.

11.Top 5 pizzas by Total Quantity

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

pizza_name	total_quantity
The Classic Deluxe Pizza	2453
The Barbecue Chicken Pizza	2432
The Hawaiian Pizza	2422
The Pepperoni Pizza	2418
The Thai Chicken Pizza	2371

Note: The Classic Deluxe Pizza has the highest quantity sold.

Bottom 5 pizzas by Total Quantity
select pizza_name,sum(quantity) as total_quantity from pizza_sales
group by pizza_name

order by total_quantity asc limit 5;

pizza_name	total_quantity
▶ The Brie Carre Pizza	490
The Mediterranean Pizza	934
The Calabrese Pizza	937
The Spinach Supreme Pizza	950
The Soppressata Pizza	961

Note:The Brie Carre Pizza has the lowest quantity sold.

12. Top 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 desc limit 5;

pizza_name	total_orders
▶ The Classic Deluxe Pizza	2329
The Hawaiian Pizza	2280
The Pepperoni Pizza	2278
The Barbecue Chicken Pizza	2273
The Thai Chicken Pizza	2225

Note: The Classic Deluxe Pizza has the maximum number of orders

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 asc limit 5;

pizza_name	total_orders
▶ The Brie Carre Pizza	480
The Mediterranean Pizza	912
The Calabrese Pizza	918
The Spinach Supreme Pizza	918
The Chicken Pesto Pizza	938

Note: The Brie Carre Pizza has the minimum number of orders.