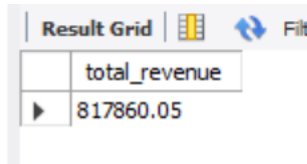# Pizza Sales Analysis – SQL Queries

1. **Toal Revenue**

   select sum(total_price) as total_revenue from pizza_data;
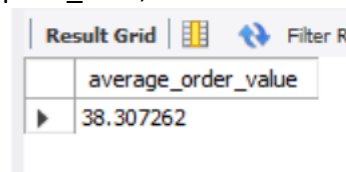
total_revenue
817860.05

2. **Average order value –**

   select sum(total_price) / count(distinct order_id) as averate_order_value from pizza_data;

average_order_value
38.307262

3. **Total Pizza Sold -**

   select sum(quantity) as total_pizza_Sold from pizza_data;
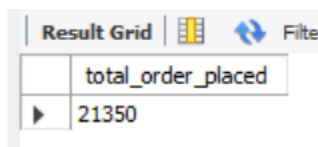
total_pizza_Sold
49574

4. **Total Orders Placed**

   select count(distinct order_id) as total_order_placed from pizza_data;
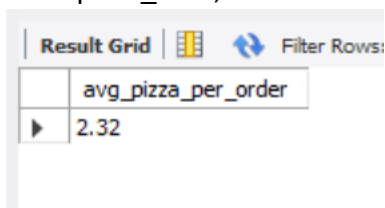
total_order_placed
21350

5. **Average Pizzas per order -**

   select Round(sum(quantity) / count(distinct order_id),2) as avg_pizza_per_order from pizza_data;
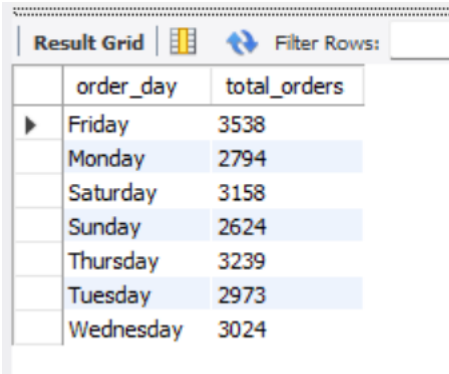
avg_pizza_per_order
2.32

6. Daily Trend of Orders -

select dayname(order_date) as order_day, count(distinct order_id) as total_orders
from pizza_data
group by dayname(order_date);

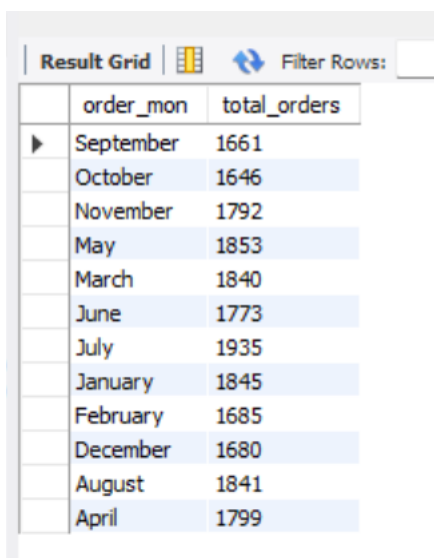| order_day	total_orders
Friday	3538
Monday	2794
Saturday	3158
Sunday	2624
Thursday	3239
Tuesday	2973
Wednesday	3024

7. Month wise orders -

select monthname(order_date) as order_mon, count(distinct order_id) as
total_orders from pizza_data
group by monthname(order_date);
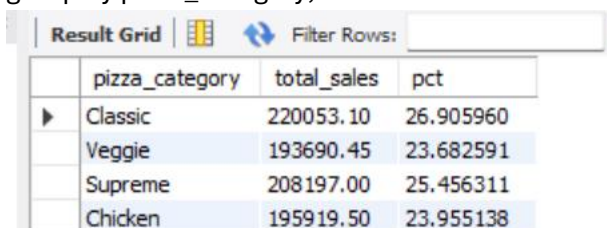
order_mon	total_orders
September	1661
October	1646
November	1792
May	1853
March	1840
June	1773
July	1935
January	1845
February	1685
December	1680
August	1841
April	1799

8. Percentage of sales by Pizza Category –

Select pizza_category, sum(total_price) as total_sales,
sum(total_price)*100/(select sum(total_price) from pizza_data) as pct from pizza_data
group by pizza_category;

pizza_category	total_sales	pct
Classic	220053.10	26.905960
Veggie	193690.45	23.682591
Supreme	208197.00	25.456311
Chicken	195919.50	23.955138

9. Percentage of sales by Pizza Size –
Select pizza_size, sum(total_price) as total_sales,
sum(total_price)*100/(select sum(total_price) from pizza_data) as pct from pizza_data
group by pizza_size;

pizza_size	total_sales	pct
M	249382.25	30.492044
L	375318.70	45.890333
S	178076.50	21.773468
XL	14076.00	1.721077
XXL	1006.60	0.123077

10. Top 5 best sellers by revenue, total quantity, and total orders

➢ select pizza_name, sum(total_price) as Total_Revenue_top_5 from pizza_data
group by pizza_name
order by Total_Revenue_top_5 desc
limit 5;

pizza_name	Total_Revenue_top_5
The Thai Chicken Pizza	43434.25
The Barbecue Chicken Pizza	42768.00
The California Chicken Pizza	41409.50
The Classic Deluxe Pizza	38180.50
The Spicy Italian Pizza	34831.25

➢ select pizza_name, sum(quantity) as Total_Quantity_top_5 from pizza_data
group by pizza_name
order by Total_Quantity_top_5 desc
limit 5;

pizza_name	Total_Quantity_top_5
The Classic Deluxe Pizza	2453
The Barbecue Chicken Pizza	2432
The Hawaiian Pizza	2422
The Pepperoni Pizza	2418
The Thai Chicken Pizza	2371

➢ select pizza_name, count(distinct order_id) as Total_Orders_top_5 from pizza_data
group by pizza_name
order by Total_Orders_top_5 desc
limit 5;

pizza_name	Total_Orders_top_5
The Classic Deluxe Pizza	2416
The Barbecue Chicken Pizza	2372
The Hawaiian Pizza	2370
The Pepperoni Pizza	2369
The Thai Chicken Pizza	2315

➢ select pizza_name, sum(total_price) as Total_Revenue_Bottom_5 from pizza_data
   group by pizza_name
   order by Total_Revenue_bottom_5 asc
   limit 5;

pizza_name	Total_Revenue_bottom_5
The Brie Carre Pizza	11588.50
The Green Garden Pizza	13955.75
The Spinach Supreme Pizza	15277.75
The Mediterranean Pizza	15360.50
The Spinach Pesto Pizza	15596.00

➢ select pizza_name, sum(quantity) as Total_Quantity_Bottom_5 from pizza_data
   group by pizza_name
   order by Total_Quantity_bottom_5 asc
   limit 5;

pizza_name	Total_Quantity_Bottom_5
The Brie Carre Pizza	490
The Mediterranean Pizza	934
The Calabrese Pizza	937
The Spinach Supreme Pizza	950
The Soppressata Pizza	961

➢ select pizza_name, count(distinct order_id) as Total_Orders_Bottom_5 from pizza_data
   group by pizza_name
   order by Total_Orders_bottom_5 asc
   limit 5;

pizza_name	Total_Orders_Bottom_5
The Brie Carre Pizza	480
The Mediterranean Pizza	923
The Calabrese Pizza	927
The Spinach Supreme Pizza	940
The Soppressata Pizza	957