PIZZA SALES SQL QUERIES

A. KPI'S

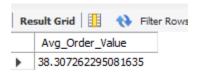
1. Total Revenue: The sum of the total price of all pizza orders.

select sum(total_price) as Total_Revenue from pizza_db.pizza_sales;



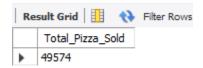
2. Average Order Value: The average amount spent per order, calculated by dividing the total revenue by the total number of orders.

select sum(total price) / count(distinct order id) as Avg Order Value from pizza db.pizza sales;



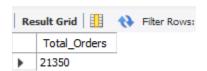
3. Total Pizzas Sold: The sum of the quantities of all pizzas sold.

select sum(quantity) as Total_Pizza_Sold from pizza_db.pizza_sales;



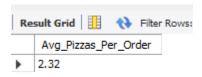
4. Total Orders: The total number of orders placed.

select count(distinct order_id) as Total_Orders from pizza_db.pizza_sales;



5. Average Pizzas Per Order: The average number of pizzas sold per order, calculated by dividing the total number of pizzas sold by the total number of orders.

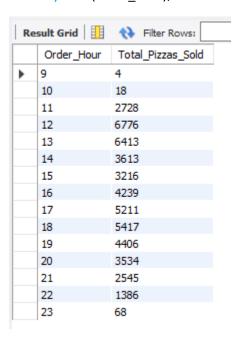
select cast(sum(quantity) / count(distinct order_id) as decimal(10, 2)) as Avg_Pizzas_Per_Order from pizza_db.pizza_sales;



B. CHARTS REQUIREMENT

1. Hourly Trend For Total Pizzas Sold:

select hour(order_time) as Order_Hour, sum(quantity) as Total_Pizzas_Sold from pizza_db.pizza_sales group by hour(order_time) order by hour(order_time);



2. Weekly Trend For Total Orders:

select weekofyear(order_date) as Week_Number, year(order_date) as Order_Year, count(distinct order_id) as Total_Orders from pizza_sales

group by weekofyear(order_date), year(order_date)

order by weekofyear(order_date), year(order_date);

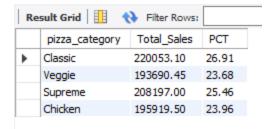
Re	sult Grid	Filter Rows:	
	Week_Number	Order_Year	Total_Orders
Þ	1	2015	254
	2	2015	427
	3	2015	400
	4	2015	415
	5	2015	436
	6	2015	422
	7	2015	423
	8	2015	393
	9	2015	409
	10	2015	420
	11	2015	404
	12	2015	416
	13	2015	427
	14	2015	433
	15	2015	408
	16	2015	414
	17	2015	437
	18	2015	423
	19	2015	399
	20	2015	458

Week_Number	Order_Year	Total_Orders
21	2015	414
22	2015	390
23	2015	423
24	2015	418
25	2015	410
26	2015	416
27	2015	474
28	2015	417
29	2015	420
30	2015	433
31	2015	419
32	2015	426
33	2015	435
34	2015	407
35	2015	394
36	2015	397
37	2015	435
38	2015	423
39	2015	288
40	2015	433

41	2015	334
42	2015	386
43	2015	352
44	2015	371
45	2015	394
46	2015	400
47	2015	392
48	2015	491
49	2015	424
50	2015	417
51	2015	430
52	2015	298
53	2015	171

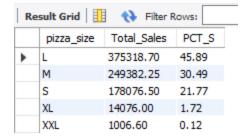
3. Percentage Of Sales by Pizza Category:

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) as decimal(10, 2)) as PCT from pizza_sales group by pizza_category;



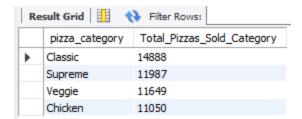
4. Percentage Of Sales by Pizza Size:

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 PCT_S from pizza_sales group by pizza_size order by PCT_S desc;



5. Total Pizzas Sold by Pizza Category:

select pizza_category, sum(quantity) as Total_Pizzas_Sold_Category from pizza_sales group by pizza_category order by Total_Pizzas_Sold_Category desc;



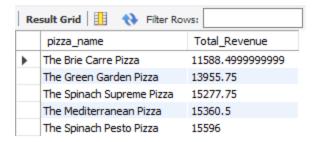
6. Top 5 Pizzas by Revenue:

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



7. 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 limit 5;



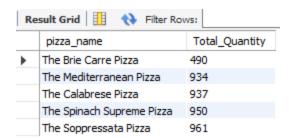
8. Top 5 Pizzas by Total Quantity:

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



9. 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 limit 5;



10. 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;



11. 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;

