PIZZA SALES SQL QUIRIES

KPI's

1. Total Revenue

SELECT SUM(total_price) AS Total_revenue FROM pizza_sales;



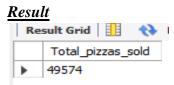
2. Total Orders

SELECT COUNT(DISTINCT order_id) AS Total_orders FROM pizza_sales;



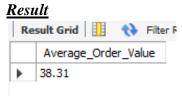
3. Total Pizzas Sold

SELECT SUM(Quantity) AS Total_pizzas_sold FROM pizza_sales;



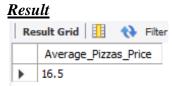
4. Average Order Value (AOV)

SELECT ROUND(SUM(total_price) / COUNT(DISTINCT order_id),2) AS Average_Order_Value FROM pizza_sales;



5. Average Pizzas Price

SELECT ROUND(SUM(total_price) / SUM(quantity),2) AS Average_Pizzas_Price FROM pizza_sales;



6. Average Pizzas Per Order

SELECT ROUND(SUM(quantity) / COUNT(DISTINCT order_id), 2) AS avg_pizzas_per_order FROM pizza_sales;

Result



7. Top 10 Pizzas by Revenue

SELECT pizza_name AS Top_pizza_name, SUM(total_price) AS Revenue FROM pizza_sales GROUP BY pizza_name ORDER BY Revenue DESC LIMIT 10;

Result



8. Top 10 Pizzas by Quantity

SELECT pizza_name AS Top_pizza_name, SUM(quantity) AS Quantity FROM pizza_sales GROUP BY pizza_name ORDER BY SUM(quantity) DESC LIMIT 10;

Result



9. Order Frequency by Hour

SELECT HOUR(order_time) AS order_hour, COUNT(*) AS order_count FROM pizza_sales GROUP BY order_hour ORDER BY order_hour;

Result

Re	sult Grid	Filter Rov		,	,	
	order_hour	order_count				
•	9	4				
	10	17				
	11	2672				
	12	6543				
	13	6203				
	14	3521		19	19	19 4350
	15	3170	ı	20	20	20 3487
	16	4185		21	21	21 2528
	17	5143		22	22	22 1370
	18	5359		23	23	23 68

10. Daily Trend for Total Orders

SELECT

DAYNAME(STR_TO_DATE(order_date, '%m/%d/%Y')) AS order_day, COUNT(DISTINCT order_id) AS total_orders

FROM pizza_sales

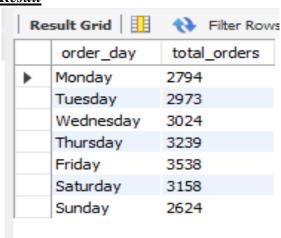
WHERE STR_TO_DATE(order_date, '%m/%d/%Y') IS NOT NULL

GROUP BY order_day

ORDER BY FIELD(order_day,

'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday', 'Sunday');

Result



11. Monthly Trend for Total Orders

SELECT

MONTHNAME(STR_TO_DATE(order_date, '%m/%d/%Y')) AS month_name, COUNT(DISTINCT order_id) AS total_orders

FROM pizza_sales

WHERE STR_TO_DATE(order_date, '%m/%d/%Y') IS NOT NULL

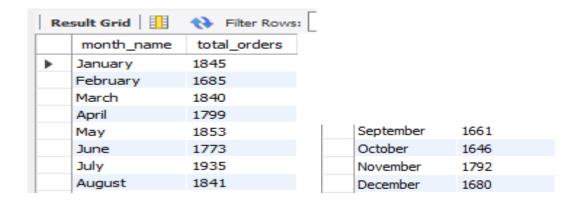
GROUP BY month_name

ORDER BY FIELD(month name,

'January', 'February', 'March', 'April', 'May', 'June',

'July', 'August', 'September', 'October', 'November', 'December');

Result



12. % of Sales by Pizza Category

SELECT

pizza_category,

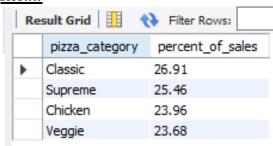
ROUND(SUM(total_price) / (SELECT SUM(total_price) FROM pizza_sales) * 100, 2) AS percent_of_sales

FROM pizza_sales

GROUP BY pizza_category

ORDER BY percent_of_sales DESC;

Result

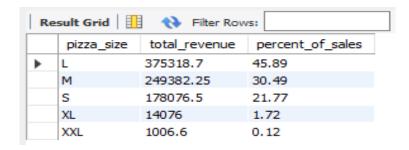


13. % of Sales by Pizza Size

SELECT

pizza_size, ROUND(SUM(total_price),2) AS total_revenue,
ROUND(SUM(total_price) / (SELECT SUM(total_price) FROM pizza_sales) * 100, 2) AS
percent_of_sales
FROM pizza_sales
GROUP BY pizza_size
ORDER BY percent_of_sales DESC;

Result



14. 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;

Result

