PIZZA SALES SQL QUERIES

1. Total Revenue:

SELECT

   SUM(total_price) AS Total_Revenue

FROM

   pizza_sales;

	Total_Revenue
1	817860.05083847

2. Average Order Value

SELECT

   SUM(total_price) / COUNT(DISTINCT order_id) AS avg_order_value

FROM

   pizza_sales;

RESULT:

	Avg_order_Value
1	38.3072623343546

3. Total Pizzas Sold

SELECT

   SUM(quantity) AS Total_pizza_sold

FROM

   pizza_sales;

	Total_pizza_sold
1	49574

4. Total Orders

SELECT

   COUNT(DISTINCT order_id) AS Total_orders

FROM

   pizza_sales;

OUTPUT:

	Total_Orders
1	21350

5. Average Pizzas Per Order

SELECT

   SUM(quantity) / COUNT(DISTINCT order_id) AS avg_pizzas_per_order

FROM

   pizza_sales;

OUTPUT:

	Avg_Pizzas_per_order
1	2.32

B. Daily Trend for Total Orders

SELECT

   DAYNAME(STR_TO_DATE(order_date, '%d-%m-%Y')) AS order_day,

   COUNT(DISTINCT order_id) AS total_orders

FROM

   pizza_sales

GROUP BY DAYNAME(STR_TO_DATE(order_date, '%d-%m-%Y'))

ORDER BY DAYNAME(STR_TO_DATE(order_date, '%d-%m-%Y'));

Output:

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

C. Monthly Trend for Orders

SELECT

   MONTHNAME((order_date)) AS month_name,

   COUNT(DISTINCT order_id) AS total_orders

FROM

   pizza_sales

GROUP BY MONTHNAME((order_date))

ORDER BY total_orders DESC;

OUTPUT:

	Month_Name	Total_Orders
1	February	1685
2	June	1773
3	August	1841
4	April	1799
5	May	1853
6	December	1680
7	January	1845
8	September	1661
9	October	1646
10	July	1935
11	November	1792
12	March	1840

D. % of Sales by Pizza Category

SELECT

   pizza_category,

   SUM(total_price) AS total_sales,

   SUM(total_price) * 100 / (SELECT

      SUM(total_price)

    FROM

      pizza_sales

    WHERE

      MONTH(order_date) = 1) AS percentage

FROM

   pizza_sales

WHERE

   MONTH(order_date) = 1

GROUP BY pizza_category;

OUTPUT:

	pizza_category	total_revenue	PCT
1	Classic	220053.10	26.91
2	Chicken	195919.50	23.96
3	Veggie	193690.45	23.68
4	Supreme	208197.00	25.46

G. 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 ;

OUTPUT:

	pizza_name	Total_Revenue
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

select pizza_name,sum(total_price) as Total_Revenue from pizza_sales

group by pizza_name order by Total_Revenue limit 5 ;

OUTPUT:

	pizza_name	Total_Revenue
1	The Brie Carre Pizza	11588.4998130798
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

I. Top 5 Pizzas by Quantity

select pizza_name,sum(quantity) as Total_quantity from pizza_sales

group by pizza_name order by Total_quantity desc limit 5 ;

Output:

	pizza_name	Total_Pizza_Sold
1	The Classic Deluxe Pizza	2453
2	The Barbecue Chicken Pizza	2432
3	The Hawaiian Pizza	2422
4	The Pepperoni Pizza	2418
5	The Thai Chicken Pizza	2371

J. Bottom 5 Pizzas by Quantity

select pizza_name,sum(quantity) as Total_quantity from pizza_sales

group by pizza_name order by Total_quantity   limit 5 ;

OUTPUT:

⊞ Results 🗐 Messages

	pizza_name	Total_Pizza_Sold
1	The Brie Carre Pizza	490
2	The Mediterranean Pizza	934
3	The Calabrese Pizza	937
4	The Spinach Supreme Pizza	950
5	The Soppressata Pizza	961

select pizza_name,count(distinct order_id) as Total_orders from pizza_sales

group by pizza_name order by Total_orders desc limit 5 ;

OUTPUT:

	pizza_name	Total_Orders
1	The Classic Deluxe Pizza	2329
2	The Hawaiian Pizza	2280
3	The Pepperoni Pizza	2278
4	The Barbecue Chicken Pizza	2273
5	The Thai Chicken Pizza	2225

select pizza_name,count(distinct order_id) as Total_orders from pizza_sales

group by pizza_name order by Total_orders   limit 5 ;

OUTPUT:

	pizza_name	Total_Orders
1	The Brie Carre Pizza	480
2	The Mediterranean Pizza	912
3	The Spinach Supreme Pizza	918
4	The Calabrese Pizza	918
5	The Chicken Pesto Pizza	938