PIZZA SALES SQL QUERIES

KPI'S

1. TOTAL REVENUE -

SELECT sum(total_price) AS total_revenue FROM pizza_sales;
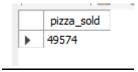
total_revenue
▶ 817860.05

2. AVERAGE ORDER VALUE-

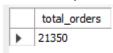select sum(total_price) /count(distinct order_id) as avg_order_value from pizza_sales;

avg_order_value
▶ 38.307262

3. TOTAL PIZZAS SALE-

select sum(quantity) as pizza_sold from pizza_sales;

pizza_sold
▶ 49574

4. TOTAL ORDERS-

select count(distinct order_id) as total_orders from pizza_sales;

total_orders
▶ 21350

5. AVERAGE PIZZAS PER ORDER-

SELECT ROUND(SUM(quantity) * 1.0 / COUNT(DISTINCT order_id), 2) AS avg_pizzas_per_order FROM   pizza_sales;

avg_pizzas_per_order
▶ 2.32

6. DAILY TREND FOR TOTAL ORDERS-

SELECT DAYNAME(order_date) AS day_name,
   COUNT(DISTINCT order_id) AS total_orders
FROM
   pizza_sales GROUP BY day_name ORDER BY day_name ;

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

7. MONTHY TREND FOR TOTAL ORDERS-

SELECT monthname(order_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

8. PERCENTAGE OF SALES BY PIZZA CATEGORY-

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

FROM pizza_sales GROUP BY pizza_category;

pizza_category	percentage_by_orders
Classic	26.91
Veggie	23.68
Supreme	25.46
Chicken	23.96

9. PERCENTAGE OF PIZZA SALES BY SIZE-

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

FROM pizza_sales GROUP BY pizza_size order by percentage_by_orders desc ;

pizza_size	percentage_by_orders
L	45.89
M	30.49
S	21.77
XL	1.72
XXL	0.12

10.TOTAL PIZZA SOLD BY PIZZA CATEGORY-

SELECT pizza_category,   SUM(quantity) AS total_revenue

FROM pizza_sales GROUP BY pizza_category order by total_revenue desc ;

pizza_category	total_revenue
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050

11.TOP 5 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 ;

pizza_name	total_revenue
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

12. BOTTOM 5 BY 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	11588.50
The Green Garden Pizza	13955.75
The Spinach Supreme Pizza	15277.75
The Mediterranean Pizza	15360.50
The Spinach Pesto Pizza	15596.00

13. TOP 5 BY QUANTITY SOLD-

SELECT   pizza_name ,   SUM(quantity) AS total_quantity_sold

FROM pizza_sales GROUP BY pizza_name   order by total_quantity_sold desc limit 5 ;

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

14. BOTTOM 5 BY QUANTITY SOLD-

SELECT   pizza_name ,   SUM(quantity) AS total_quantity_sold

FROM pizza_sales GROUP BY pizza_name   order by total_quantity_sold asc limit 5 ;

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

15. TOP 5 PIZZA 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

16. BOTTOM 5 PIZZA 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

THANK YOU -