SQL QUERIES FOR PIZZA SALES REPORT

Data Set link : [Click here](#)

-Total Revenue:

SELECT SUM(total_price) AS Total_Revenue FROM pizza;

	Total_Revenue
▶	574872.0000000066

-Average Order Value:

SELECT SUM(total_price)/COUNT(DISTINCT order_id) AS avg_order_value FROM pizza;

	avg_order_value
▶	38.10884985084565

-Total Pizza Sold:

SELECT SUM(quantity) AS Total_pizza_sold FROM pizza;

	Total_pizza_sold
▶	34832

-Total order:

SELECT COUNT(DISTINCT order_id) Total_orders FROM pizza;

	Total_orders
▶	15085

-Avg_pizza_per_order:

SELECT ROUND(SUM(quantity)/COUNT(DISTINCT order_id),2) AS avg_order FROM pizza;

	avg_order
▶	2.31

-Sales by weekdays:

SELECT DAYNAME(STR_TO_DATE(order_date,'%Y-%m-%d')) AS order_day,COUNT(DISTINCT order_id) AS Total_order

FROM pizza GROUP BY order_day;

order_day	Total_order
Friday	2027
Monday	2185
Saturday	2224
Sunday	2185
Thursday	2160
Tuesday	2137
Wednesday	2167

-Sales by months:

SELECT MONTHNAME(STR_TO_DATE(order_date,'%Y-%m-%d')) AS order_month,COUNT(DISTINCT order_id) AS Total_order

FROM pizza GROUP BY order_month;

order_month	Total_order
April	1799
August	1841
February	1685
January	1845
July	1935
June	1773
March	1840
May	1853
September	514

-%tage of sale by pizza_category:

SELECT pizza_category,(COUNT(pizza_category)*100)/SUM(quantity) AS percentage FROM pizza

GROUP BY pizza_category;

pizza_category	percentage
Classic	26.88934232316032
Veggie	23.879280952976877
Supreme	25.442124507716045
Chicken	23.789252216145233

-%tage of sale by pizza_size:

SELECT pizza_size,SUM(total_price) AS total_sales, (SUM(total_price)*100)/(SELECT SUM(total_price) FROM pizza) AS percentage

FROM pizza

GROUP BY pizza_size

ORDER BY percentage DESC;

	pizza_size	total_sales	percentage
▶	L	263902.80000000406	45.91
	M	175178.25	30.47
	S	124882.39999999927	21.72
	XL	10225.5	1.78
	XXL	683.0500000000001	0.12

-Total pizza sold by pizza_category:

SELECT SUM(quantity) AS Total_Pizza_Sold,pizza_category

FROM pizza

GROUP BY pizza_category;

	Total_Pizza_Sold	pizza_category
▶	10445	Classic
	8254	Veggie
	8408	Supreme
	7725	Chicken

-Top 5 pizza by Total_Revenue:

SELECT pizza_name,SUM(total_price) AS Total_Revenue FROM pizza

GROUP BY pizza_name

ORDER BY Total_Revenue DESC LIMIT 5;

pizza_name	Total_Revenue
The Barbecue Chicken Pizza	30511.5
The Thai Chicken Pizza	29899
The California Chicken Pizza	28969
The Classic Deluxe Pizza	26432
The Spicy Italian Pizza	24839.25

-Bottom 5 pizza by Total_Revenue:

SELECT pizza_name,SUM(total_price) AS Total_Revenue FROM pizza

GROUP BY pizza_name

ORDER BY Total_Revenue ASC LIMIT 5;

pizza_name	Total_Revenue
The Brie Carre Pizza	8182.899999999952
The Green Garden Pizza	10238
The Mediterranean Pizza	10569
The Spinach Supreme Pizza	10931.25
The Calabrese Pizza	10957.25

-Top 5 by Total_Quantity:

SELECT pizza_name,SUM(quantity) AS Total_Quantity FROM pizza

GROUP BY pizza_name

ORDER BY Total_Quantity DESC LIMIT 5;

pizza_name	Total_Quantity
The Barbecue Chicken Pizza	1738
The Pepperoni Pizza	1705
The Classic Deluxe Pizza	1699
The Hawaiian Pizza	1668
The California Chicken Pizza	1660

- Bottom 5 pizza by Total_Quantity:

SELECT pizza_name,SUM(quantity) AS Total_Quantity FROM pizza

GROUP BY pizza_name

ORDER BY Total_Quantity ASC LIMIT 5;

pizza_name	Total_Quantity
The Brie Carre Pizza	346
The Mediterranean Pizza	641
The Calabrese Pizza	645
The Chicken Pesto Pizza	676
The Spinach Supreme Pizza	677