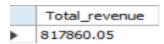
Pizza Sales SQL Analysis

Rename column 'order_date_temp' to 'order_date' and set its type to DATE.

ALTER TABLE pizza sales CHANGE order date temp order date DATE;

Calculate the total revenue from all pizza sales.

SELECT ROUND(SUM(total price), 2) AS Total revenue FROM pizza sales;



Compute the average order value.

SELECT ROUND(SUM(total_price) / COUNT(DISTINCT order_Id), 2) AS
Avg order value FROM pizza sales;



Get the total quantity of pizzas sold.

SELECT SUM (quantity) AS Total pizza sold FROM pizza sales;

```
Total_pizza_sold

49574
```

Count the total number of unique orders.

SELECT COUNT(DISTINCT order id) AS total order FROM pizza sales;

```
total_order

≥ 21350
```

Calculate the average number of pizzas per order.

SELECT CAST(SUM(quantity)/COUNT(DISTINCT order_id) AS DECIMAL(10,2)) AS Ave_pizza_per_orders FROM pizza_sales;

```
Ave_pizza_per_orders
2.32
```

Daily trend of total orders.

SELECT DAYNAME(order_date) AS order_Day, COUNT(DISTINCT order_id) AS Total_order FROM pizza_sales GROUP BY DAYNAME(order_date) ORDER BY Total order DESC;

	order_Day	Total_order
•	Friday	3538
	Thursday	3239
	Saturday	3158
	Wednesday	3024
	Tuesday	2973
	Monday	2794
	Sunday	2624

Monthly trend for total orders in January.

SELECT MONTHNAME(order_date) AS Month_Name, COUNT(DISTINCT order_id) AS Total_order FROM pizza_sales WHERE MONTH(order_date)=1 GROUP BY MONTHNAME(order_date) ORDER BY Total order DESC;

	Month_Name	Total_order
•	January	1845

Sales and contribution percentage by pizza category.

SELECT pizza_category, ROUND(SUM(total_price),2) AS total_sales, ROUND(SUM(total_price)*100.0 / (SELECT SUM(total_price) FROM pizza_sales),2) AS percentage FROM pizza_sales GROUP BY pizza_category ORDER BY percentage DESC;

	pizza_category	total_sales	percentage
•	Classic	220053.1	26.91
	Supreme	208197	25,46
	Chicken	195919.5	23.96
	Veggie	193690.45	23.68

Sales and contribution percentage by pizza size.

SELECT pizza_size, ROUND(SUM(total_price),2) AS total_sales, ROUND(SUM(total_price)*100.0 / (SELECT SUM(total_price) FROM pizza_sales),2) AS percentage FROM pizza_sales GROUP BY pizza_size ORDER BY percentage DESC;

	pizza_size	total_sales	percentage
•	L	375318.7	45.89
	M	249382.25	30.49
	S	178076.5	21.77
	XL	14076	1.72
	XXL	1006.6	0.12

Top 5 pizzas by revenue.

SELECT pizza_name, CAST(SUM(total_price) AS DECIMAL(10,2)) AS Total_revenue FROM pizza_sales GROUP BY pizza_name ORDER BY Total revenue DESC LIMIT 5;

	pizza_name	Total_revenue
٠	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

Bottom 5 pizzas by revenue.

SELECT pizza_name, CAST(SUM(total_price) AS DECIMAL(10,2)) AS Total_revenue FROM pizza_sales GROUP BY pizza_name ORDER BY Total revenue ASC LIMIT 5;

	pizza_name	Total_revenue
ĸ	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

Top 5 pizzas by quantity sold.

SELECT pizza_name, CAST(SUM(quantity) AS DECIMAL(10,2)) AS Total_Quantity FROM pizza_sales GROUP BY pizza_name ORDER BY Total Quantity DESC LIMIT 5;

	pizza_name	Total_Qauntity
١	The Classic Deluxe Pizza	2453.00
	The Barbecue Chicken Pizza	2432.00
	The Hawaiian Pizza	2422.00
	The Pepperoni Pizza	2418.00
	The Thai Chicken Pizza	2371.00

Bottom 5 pizzas by quantity sold.

SELECT pizza_name, CAST(SUM(quantity) AS DECIMAL(10,2)) AS Total_Quantity FROM pizza_sales GROUP BY pizza_name ORDER BY Total Quantity ASC LIMIT 5;

	pizza_name	Total_Quantity	
٠	The Brie Carre Pizza	490.00	
	The Mediterranean Pizza	934.00	
	The Calabrese Pizza	937.00	
	The Spinach Supreme Pizza	950.00	
	The Soppressata Pizza	961.00	

Top 5 pizzas by number of orders.

SELECT pizza_name, COUNT(DISTINCT order_id) AS Total_order FROM pizza sales GROUP BY pizza name ORDER BY Total order DESC LIMIT 5;

	pizza_name	Total_order
٠	The Classic Deluxe Pizza	2329
	The Hawaiian Pizza	2280
	The Pepperoni Pizza	2278
	The Barbecue Chicken Pizza	2273
	The Thai Chicken Pizza	2225

Bottom 5 pizzas by number of orders.

SELECT pizza_name, COUNT(DISTINCT order_id) AS Total_order FROM pizza sales GROUP BY pizza name ORDER BY Total order ASC LIMIT 5;

	pizza_name	Total_order
٠	The Classic Deluxe Pizza	2329
	The Hawaiian Pizza	2280
	The Pepperoni Pizza	2278
	The Barbecue Chicken Pizza	2273
	The Thai Chicken Pizza	2225

Hourly trend of pizza sales.

SELECT HOUR(order_time) AS Order_hours, COUNT(DISTINCT order_id) AS pizza_sales FROM pizza_sales GROUP BY HOUR(order_time) ORDER BY HOUR(order time);

	Order_hours	pizza_sales
•	9	1
	10	8
	11	1231
	12	2520
	13	2455
	14	1472
	15	1468
	16	1920
	17	2336
	18	2399
	19	2009
	20	1642
	21	1198
	22	663
	23	28
	23	28