

Pizza Sales SQL Analysis

Total Revenue: The sum of the total price of all pizza orders.

Query- `select sum (total_price) as total_revenue from pizzasales;`

	total_revenue
▶	817860.049999993

Total Pizzas Sold: The sum of the quantities of all pizzas sold.

Query- `select sum (quantity) as total_pizzas_sold from pizzasales;`

	total_pizzas_sold
▶	49574

Total Number of Orders: The total number of orders placed.

Query- `select count (distinct order_id) as total_orders from pizzasales;`

	total_orders
▶	21350

Average Order Value: The average amount spent per order.

Query- `select sum (total_price)/count (distinct order_id) as avg_order_value from pizzasales;`

	avg_order_value
▶	38.307262295081635

Average Pizza per Order: The average number of Pizza sold per order.

Query- `select sum (quantity)/count (distinct order_id) as avg_pizza_per_order
from pizzasales;`

	avg_pizzas_per_order
▶	2.32

Daily Trend for Total Orders: The number of orders placed over a specific weekdays.

Query- `select dayname (order_date) as order_day, count (distinct order_id) as
total_orders from pizzasales group by dayname (order_date);`

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

Hourly Trend for Total Orders: The number of orders placed over a specific working hours.

Query- `select hour (order_time) as hour_of_the_day, count (distinct order_id) as
no_of_orders from pizzasales group by hour (order_time);`

	hour_of_the_day	no_of_orders
▶	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

Percentage of Sales by Pizza Category: Shows the proportion of total sales that each pizza category contributes.

Query- select pizza_category, round (sum (total_price), 2) as total_revenue, round (sum (total_price)/ (select sum (total_price) from pizzasales)*100, 2) as percentage_of_category from pizzasales group by pizza_category;

	pizza_category	total_revenue	percentage_of_category
▶	Classic	220053.1	26.91
	Veggie	193690.45	23.68
	Supreme	208197	25.46
	Chicken	195919.5	23.96

Percentage of Sales by Pizza Size: Shows the proportion of total sales that each pizza size contributes.

Query- select pizza_size, round (sum (total_price), 2) as total_revenue, round (sum (total_price)/ (select sum (total_price) from pizzasales)*100, 2) as percentage_of_size from pizzasales group by pizza_size order by (total_revenue) desc;

	pizza_size	total_revenue	percentage_of_size
▶	L	375318.7	45.89
	M	249382.25	30.49
	S	178076.5	21.77
	XL	14076	1.72
	XXL	1006.6	0.12

Total Quantity Sold by Each Category: Shows the total quantity of pizza sold by each category.

Query- select pizza_category, sum (quantity) as total_quantity_sold from pizzasales group by pizza_category;

	pizza_category	total_quantity_sold
▶	Classic	14888
	Veggie	11649
	Supreme	11987
	Chicken	11050

Top 5 Best Revenue Pizzas: Shows the top 5 pizza types that generate the highest revenue.

Query- select pizza_name, sum (total_price) as total_revenue from pizzasales group by pizza_name order by sum (total_price) desc limit 5;

	pizza_name	total_revenue
▶	The Thai Chicken Pizza	43434.25
	The Barbecue Chicken Pizza	42768
	The California Chicken Pizza	41409.5
	The Classic Deluxe Pizza	38180.5
	The Spicy Italian Pizza	34831.25

Top 5 Best Selling Pizzas: Shows the top 5 bestselling pizza types.

Query- select pizza_name, sum (quantity) as total_quantity_sold from pizzasales group by pizza_name order by sum (quantity) 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

Least 5 Revenue Pizzas: Shows the top 5 pizza types that generate the least revenue.

Query- select pizza_name, round (sum (total_price), 2) as total_revenue from pizzasales group by pizza_name order by sum (total_price) asc limit 5;

	pizza_name	total_revenue
▶	The Brie Carre Pizza	11588.5
	The Green Garden Pizza	13955.75
	The Spinach Supreme Pizza	15277.75
	The Mediterranean Pizza	15360.5
	The Spinach Pesto Pizza	15596

Least 5 Selling Pizzas: Shows the top 5 least selling pizza types.

Query- select pizza_name, sum (quantity) as total_quantity_sold from pizzasales group by pizza_name order by sum (quantity) 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