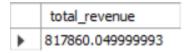
## Pizza Sales SQL Analysis

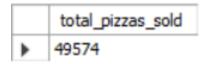
**Total Revenue:** The sum of the total price of all pizza orders.

Query- select sum (total\_price) as total\_revenue from pizzasales;



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

Query- select sum (quantity) as total\_pizzas\_sold from pizzasales;



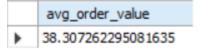
**Total Number of Orders:** The total number of orders placed.

Query- select count (distinct order\_id) as total\_orders from pizzasales;



Average Order Value: The average amount spent per order.

Query- select sum (total\_price)/count (distinct order\_id) as avg\_order\_value from pizzasales;



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;

**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
١	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
١	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
٠	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
١	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