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HELLO! I'M **DHAIRYASHIL**

Completed an SQL project on Pizza Sales Analysis, where I focused on extracting, cleaning, and analyzing data to identify sales trends, top-performing products. This hands-on project showcases my growing expertise in SQL and my commitment to developing practical, data-driven solutions.





RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED.

```
SELECT COUNT(order_id) FROM orders;
```

	COUNT(order_id)
▶	21350



CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.

```
SELECT ROUND(SUM(quantity*price),2) FROM order_details  
JOIN pizzas  
ON order_details.pizza_id=pizzas.pizza_id;
```

Result Grid	
	ROUND(SUM(quantity*price),2)
▶	817860.05



IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED.

SELECT

```
pizzas.size,  
COUNT(order_details.order_details_id) AS order_count  
FROM  
pizzas  
JOIN  
order_details ON pizzas.pizza_id = order_details.pizza_id  
GROUP BY pizzas.size  
ORDER BY order_count DESC  
LIMIT 1;
```

| Result Grid | Filter

	size	order_count
▶	L	18526



JOIN THE NECESSARY TABLES TO FIND THE TOTAL QUANTITY OF EACH PIZZA CATEGORY ORDERED.

```
SELECT  
    pizza_types.category, COUNT(order_details.quantity) AS order_quantity  
FROM  
    pizza_types  
        JOIN  
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id  
        JOIN  
    order_details ON order_details.pizza_id = pizzas.pizza_id  
GROUP BY pizza_types.category  
ORDER BY order_quantity DESC;
```

	category	order_quantity
▶	Classic	14579
	Supreme	11777
	Veggie	11449
	Chicken	10815



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DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY.

SELECT

HOUR(time), COUNT(order_id) AS ord_quantity

FROM

orders

GROUP BY HOUR(time)

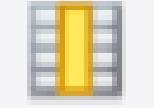
ORDER BY ord_quantity DESC;

Result Grid | Filter Rows:

	HOUR(time)	ord_quantity
▶	12	2520
	13	2455
	18	2399
	17	2336
	19	2009
	16	1920

CALCULATE THE PERCENTAGE CONTRIBUTION OF EACH PIZZA TYPE TO TOTAL REVENUE.

```
SELECT pizza_types.category,  
CONCAT(ROUND(SUM(order_details.quantity*pizzas.price) /  
(SELECT ROUND(SUM(quantity*price),2)  
FROM order_details JOIN pizzas  
ON order_details.pizza_id=pizzas.pizza_id)*100,2),'%')as revenue  
FROM pizza_types  
JOIN pizzas  
ON pizza_types.pizza_type_id=pizzas.pizza_type_id  
JOIN order_details  
ON order_details.pizza_id=pizzas.pizza_id  
GROUP BY pizza_types.category ORDER BY revenue DESC;
```

Result Grid |   Filter

	category	revenue
▶	Classic	26.91%
	Supreme	25.46%
	Chicken	23.96%
	Veggie	23.68%



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DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE FOR EACH PIZZA CATEGORY

```
SELECT category, name, revenue FROM
(SELECT category, name, revenue,
RANK() OVER(PARTITION BY category
ORDER BY revenue DESC) AS rn
FROM
(SELECT pizza_types.category, pizza_types.name,
ROUND(SUM(order_details.quantity*pizzas.price),2) as revenue
FROM order_details
JOIN pizzas ON
order_details.pizza_id=pizzas.pizza_id
JOIN pizza_types ON
pizza_types.pizza_type_id=pizzas.pizza_type_id
GROUP BY pizza_types.category, pizza_types.name) AS A) b
WHERE rn<=3;
```

Result Grid | Filter Rows:

	category	name	revenue
▶	Chicken	The Thai Chicken Pizza	43434.25
	Chicken	The Barbecue Chicken Pizza	42768
	Chicken	The California Chicken Pizza	41409.5
	Classic	The Classic Deluxe Pizza	38180.5
	Classic	The Hawaiian Pizza	32273.25
	Classic	The Pepperoni Pizza	30161.75



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THANK YOU!

