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MYSQL PIZZA



WELCOME TO MY PROJECT ON MYSQL PIZZA

MYSQL PIZZA

Here we have 3 table which give us of the information of pizza

- pizzas [which contains columns of]
 - pizza_id
 - pizza_type_id
 - Size
 - price
 - pizza_type [which contains columns of]
 - pizza_type_id
 - name
 - category
 - ingredients
 - orders [which contains columns of]
 - order_id
 - date
 - time
 - order_details [which contains columns of]
 - order_details_id
 - order_id
 - pizza_id
 - quantity





LARANA PIZZA

RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED.----

```
select count(order_id) from order_details ;  
select count(order_id) as order_count  from orders ;
```

Result Grid	
	count(order_id)
▶	48620



LARANA PIZZA

CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.

```
--> (3) calculate the total revenue generated from pizza sales.  
| select round(sum(order_details.quantity * pizzas.price),2) as total_sales  
| from order_details join pizzas on  
| pizzas.pizza_id = order_details.pizza_id;
```

Result Grid	
	total_sales
▶	817860.05



LARANA PIZZA

HIGHEST PIZZA PRICE

```
select pizza_types.name , pizzas.price from pizza_types join pizzas on  
pizza_types.pizza_type_id = pizzas.pizza_type_id order by pizzas.price desc limit 1  
;
```

Result Grid	
name	price
The Greek Pizza	35.95





LARANA PIZZA

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 Rows:

size	order_count
L	18526



LIST THE TOP 5 MOST ORDERED PIZZA TYPES ALONG WITH THEIR QUANTITIES

```
SELECT
    pizza_types.name ,
    sum(order_details.quantity)
FROM
    pizza_types
    JOIN
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
join order_details on
pizzas.pizza_id = order_details.pizza_id group by pizza_types.name order by count(order_details.quantity) desc limit 5 ;
```

7 Join the necessary tables to find the total quantity of each pizza category ordered.

name	sum(order_details.quantity)
The Classic Deluxe Pizza	2453
The Barbecue Chicken Pizza	2432
The Hawaiian Pizza	2422
The Pepperoni Pizza	2418
The Thai Chicken Pizza	2371

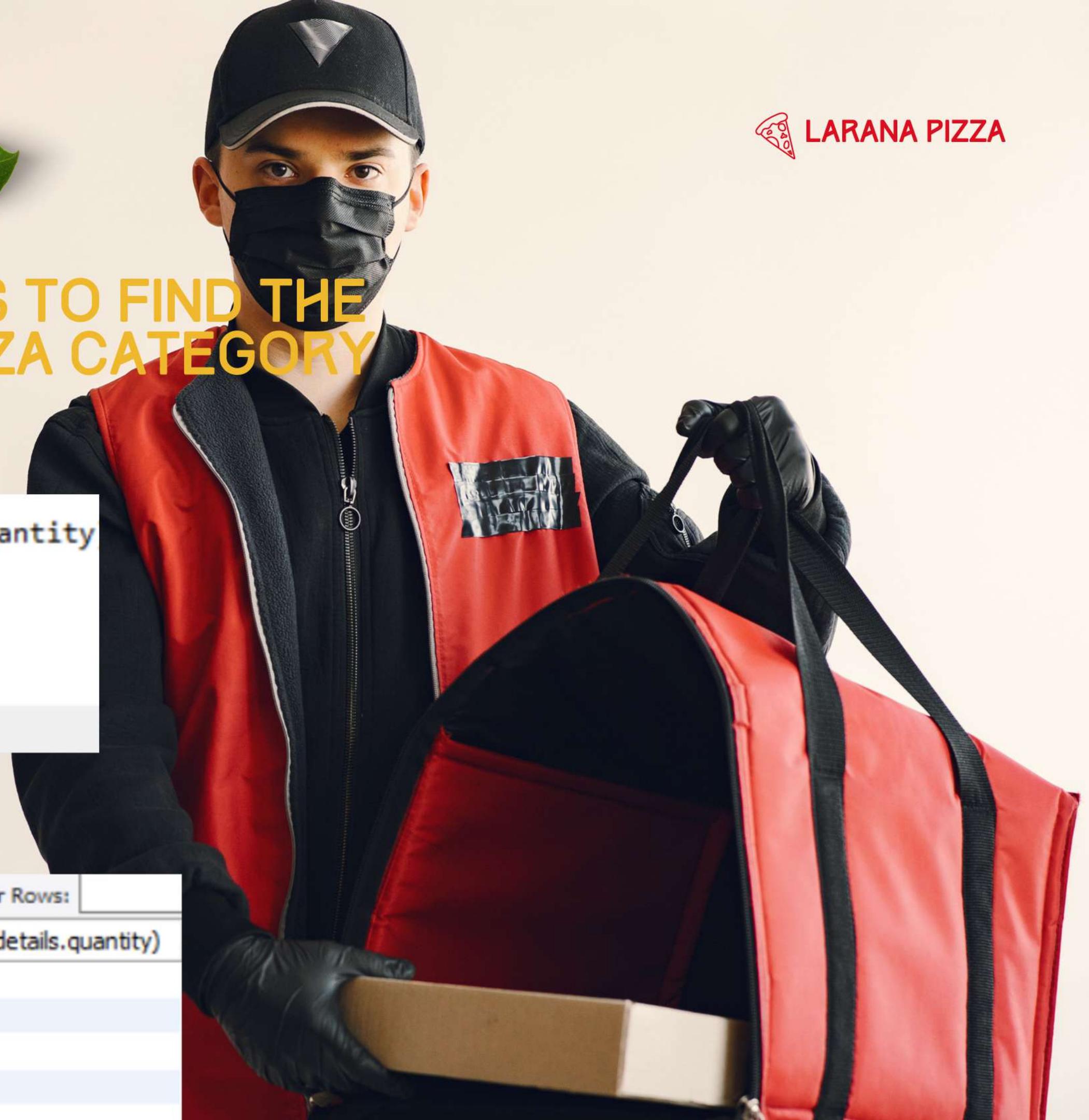


LARANA PIZZA

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

```
select pizza_types.category ,sum(order_details.quantity)
pizzas.pizza_type_id = pizza_types.pizza_type_id
join order_details on
pizzas.pizza_id =order_details.pizza_id
group by | pizza_types.category |;
```

	category	sum(order_details.quantity)
▶	Classic	14888
	Veggie	11649
	Supreme	11987
	Chicken	11050





LARANA PIZZA

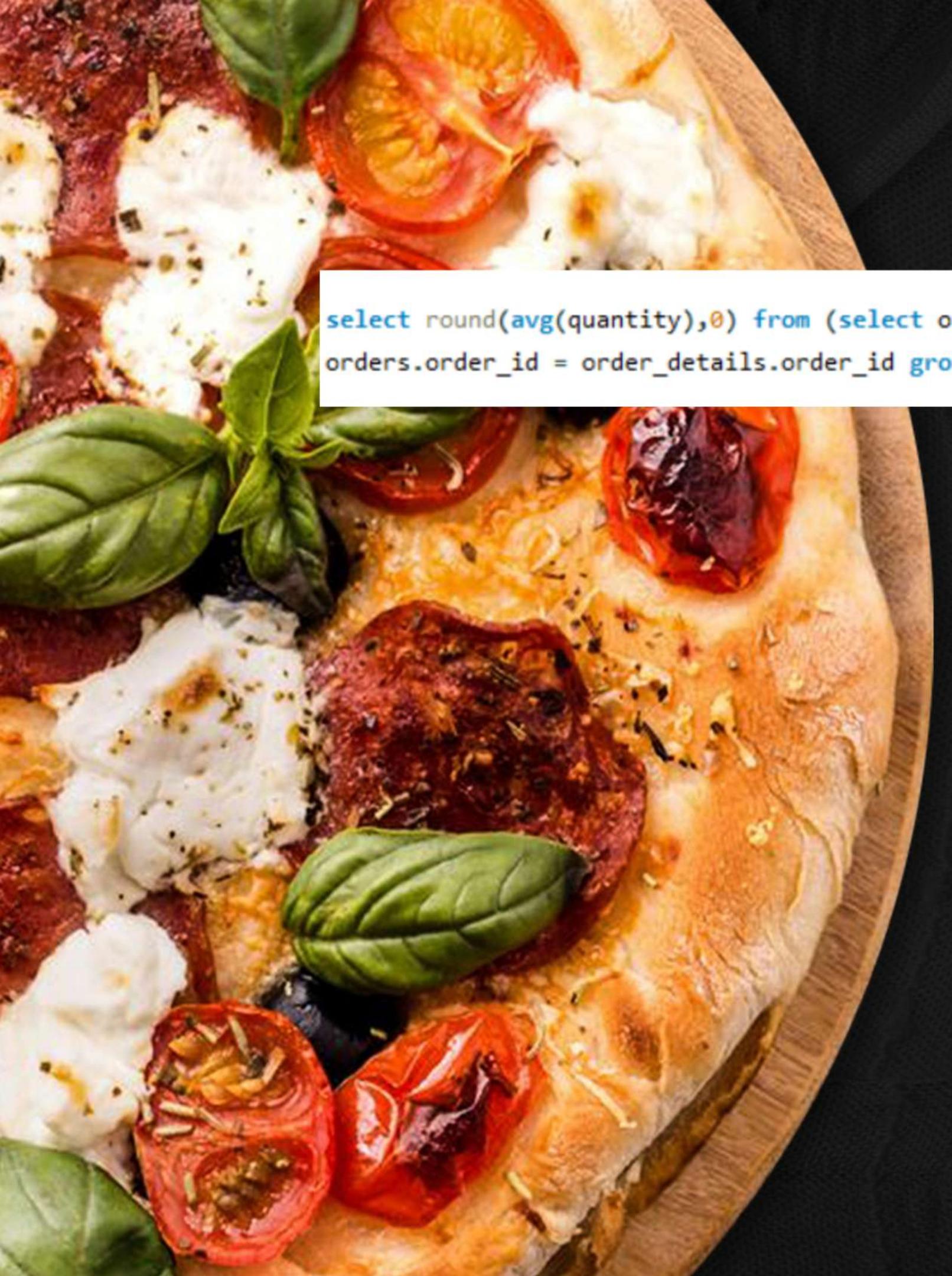
JOIN RELEVANT TABLES TO FIND THE CATEGORY-WISE DISTRIBUTION OF PIZZAS

```
select count(name) ,category from pizza_types group by category ;
```

Result Grid | Filter Rows:

	count(name)	category
▶	6	Chicken
	8	Classic
	9	Supreme
	9	Veggie





GROUP THE ORDERS BY DATE AND CALCULATE THE AVERAGE NUMBER OF PIZZAS ORDERED PER DAY.

```
select round(avg(quantity),0) from (select orders.date , sum(order_details.quantity) as quantity from orders join order_details on orders.order_id = order_details.order_id group by orders.date ) as order_quantity ;
```

Result Grid | Filter Rows:

round(avg(quantity),0)
138

DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE.

```
select pizza_types.name, sum(order_details.quantity * pizzas.price) from pizza_types join pizzas on
pizzas.pizza_type_id = pizza_types.pizza_type_id
join order_details on
order_details.pizza_id = pizzas.pizza_id group by pizza_types.name order by sum(order_details.quantity * pizzas.price) limit 3;
```



A wooden tray filled with various pizzas, including pepperoni, cheese, and vegetable toppings. The pizzas are sliced and arranged on the tray.

name	sum(order_details.quantity * pizzas.price)
The Brie Carre Pizza	11588.4999999999
The Green Garden Pizza	13955.75
The Spinach Supreme Pizza	15277.75

THANK YOU!

PRASHANT TIWARI

