



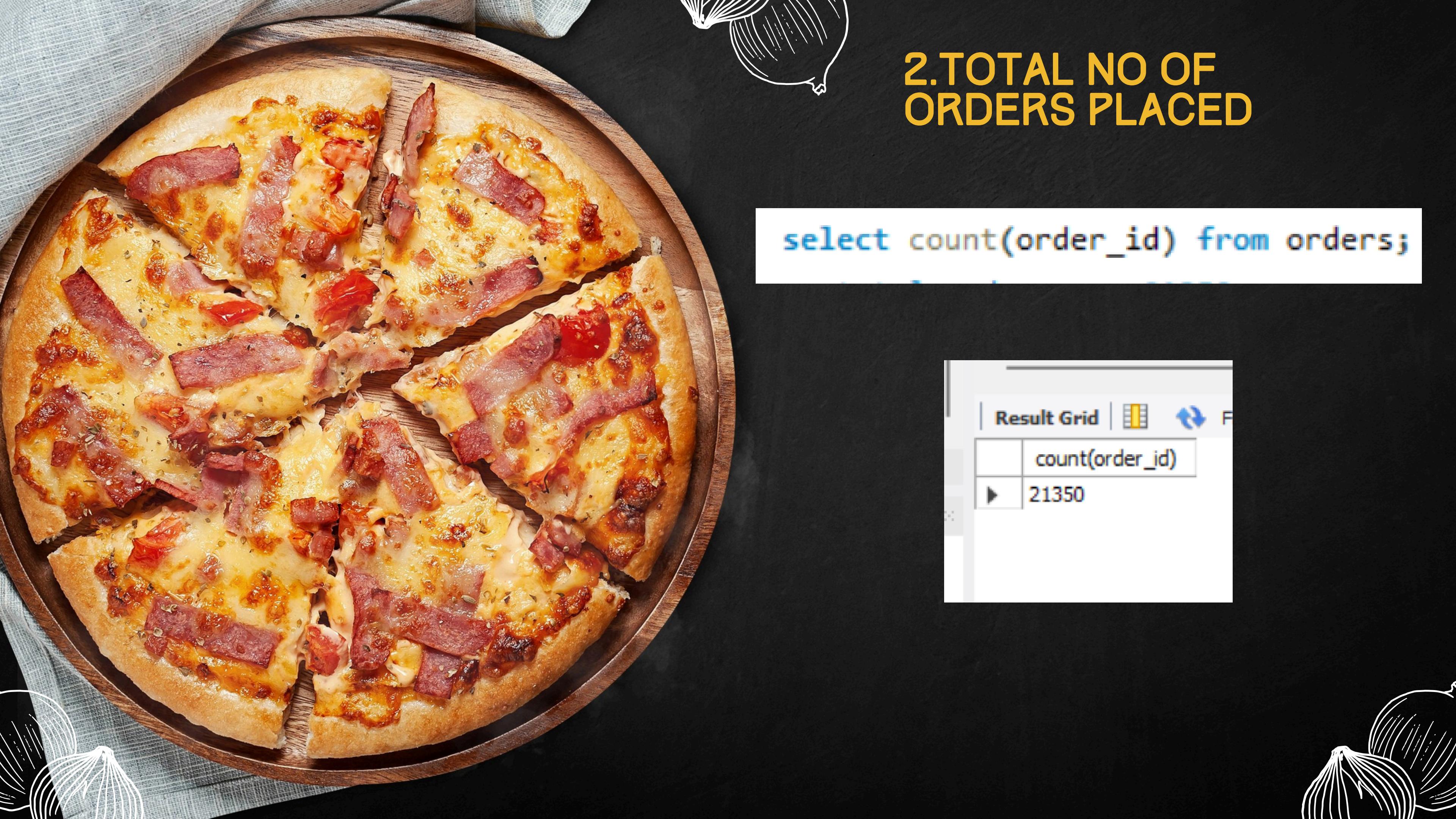
PIZZA SALE SQL PROJECT



1.CALCULATE TOTAL REVENUE FROM PIZZA SALES!

```
select round(sum(order_details.quantity * pizzas.price) ,0)as total_sales  
from order_details join pizzas  
on pizzas.pizza_id = order_details.pizza_id;
```

	Result Grid			Filter
	total_sales			
▶	817860			



2. TOTAL NO OF ORDERS PLACED

```
select count(order_id) from orders;
```

Result Grid	
	count(order_id)
▶	21350

3.IDENTIFY HIGHEST PRICE PIZZA

```
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 | Filter Rows:

	name	price
▶	The Greek Pizza	35.95





4. IDENTIFY MOST COMMON PIZZA ORDERED

```
select quantity , count(order_details_id)  
from order_details group by quantity ;
```

Result Grid |  Filter Rows: 

	quantity	count(order_details_id)
▶	1	47693
	2	903
	3	21
	4	3

5.IDENTIFY 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;
```

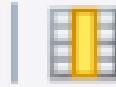
Result Grid | Filter

	size	order_count
▶	L	18526



6. LIST TOP 5 MOST ORDERED PIZZA TYPES ALONG WITH THE ORDERS QUALITIES

```
select pizza_types.name ,sum(order_details.quantity) as 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.name order by quantity desc limit 1 ;
```

Result Grid |  Filter Rows:

	name	quantity
▶	The Classic Deluxe Pizza	2453

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

```
select pizza_types.category ,sum(order_details.quantity) as 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 quantity desc ;
```

Result Grid | Filter F

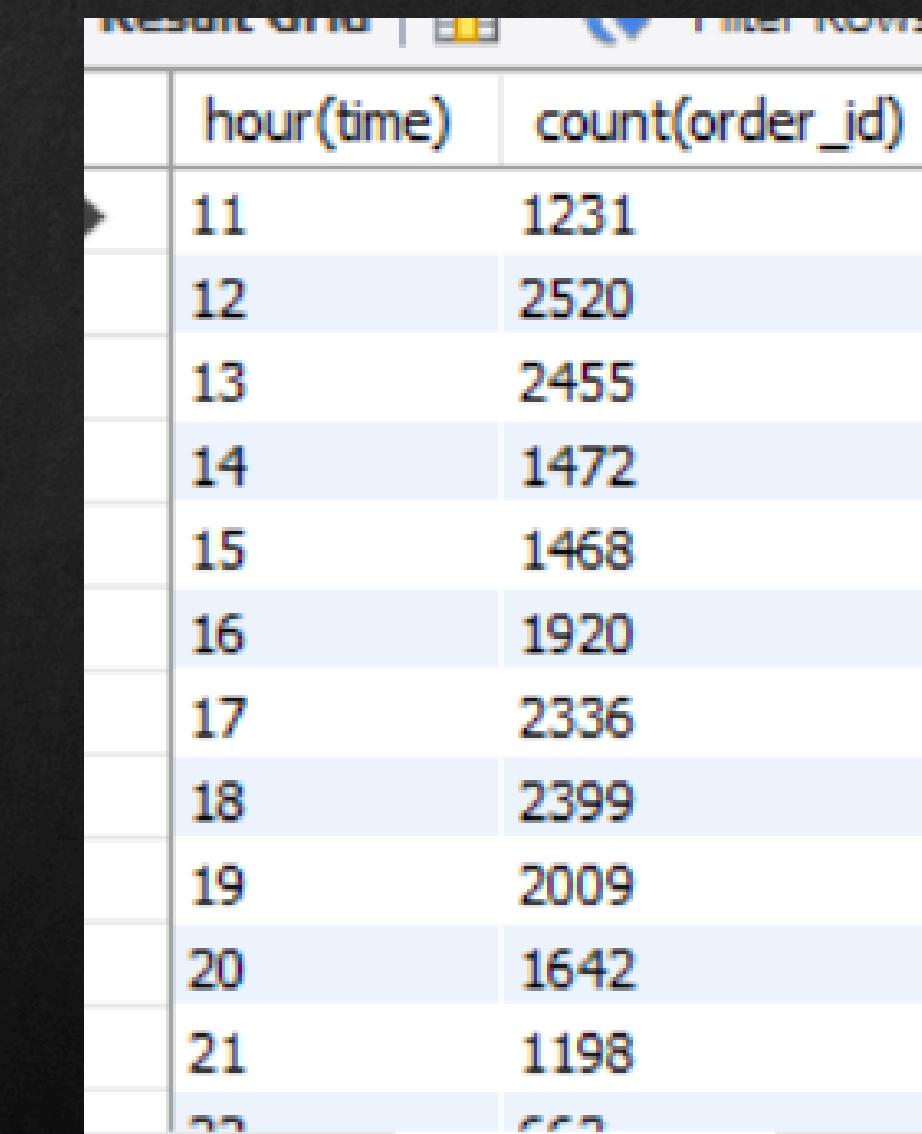
	category	quantity
▶	Classic	14888
	Supreme	11987
	Veggie	11649
	Chicken	11050



8.DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY.

```
select * from orders;
```

```
select hour(time) , count(order_id) from orders group by hour(time);
```



hour(time)	count(order_id)
11	1231
12	2520
13	2455
14	1472
15	1468
16	1920
17	2336
18	2399
19	2009
20	1642
21	1198
22	667

9. 3 MOST ORDERED PIZZA BASED ON REVENUE

```
select pizza_types.name ,  
sum(order_details.quantity * pizzas.price) as revenue  
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 revenue desc limit 3 ;
```

	name	revenue
▶	The Thai Chicken Pizza	43434.25
	The Barbecue Chicken Pizza	42768
	The California Chicken Pizza	41409.5



THANK YOU!

