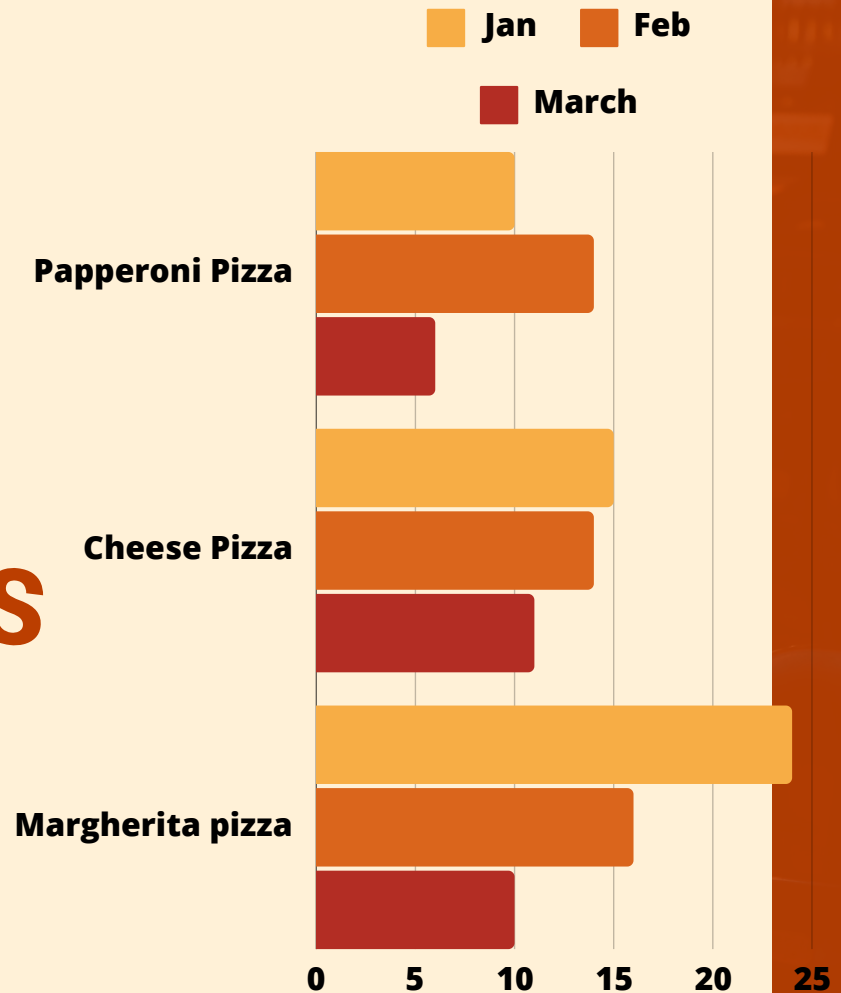
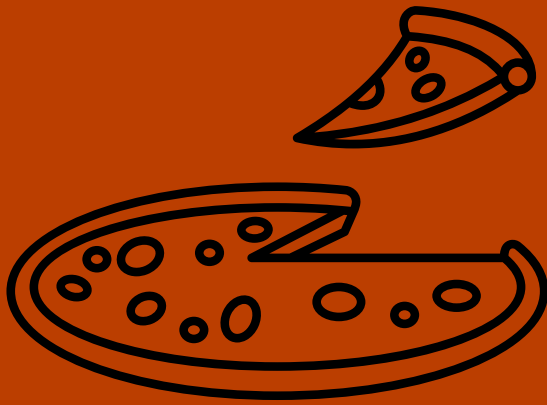




SQL PROJECT ON PIZZA SALES

PRESENTED BY
SONIA





hello

I AM SONIA , IN THIS PROJECT I HAVE UTILIZE
THE SQL QUERY TO SOLVE THE QUESTION
RELATED BASED ON PIZZA SALES

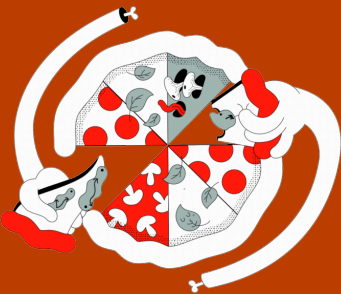
Retrieve the total number of orders placed.

```
SELECT
```

```
    COUNT(order_id) AS total_orders
```

```
FROM
```

```
orders;
```



Result Grid		Filter
	total_orders	
▶	21350	



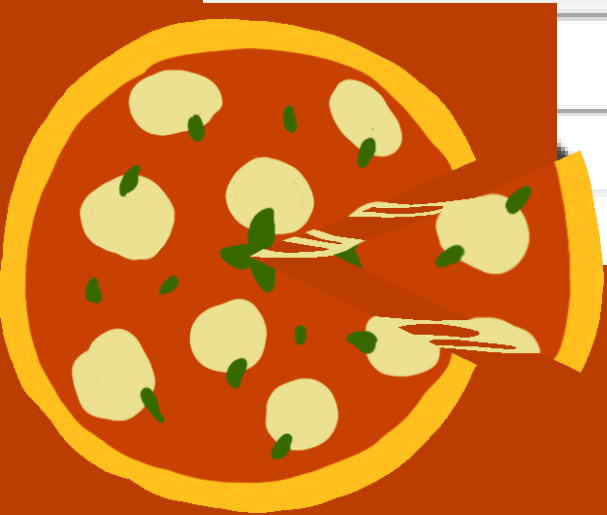
Calculate the total revenue generated from pizza sales.

```
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
```

total_sales
817860.05

Identify the highest-priced 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;
```



	name	price
	The Greek Pizza	35.95

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;
```



Result Grid			Filter F
	size	order_count	
▶	L	18526	
	M	15385	
	S	14137	
	XL	544	
	XXL	28	

List the top 5 most ordered pizza types along with their quantities.

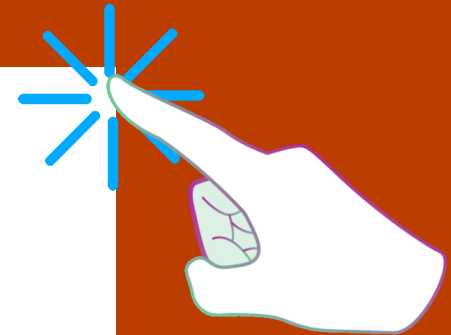
```
SELECT
    pizza_types.name,
    SUM(order_details.quantity) as quantity
FROM
    pizza_types
    JOIN
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
    JOIN
    order_details ON order_details.pizza_id = pizzas.pizza_id
GROUP BY pizza_types.name ORDER BY quantity DESC limit 5;
```



name	quantity
The Classic Deluxe Pizza	2453
The Barbecue Chicken Pizza	2432
The Hawaiian Pizza	2422
The Pepperoni Pizza	2418
The Thai Chicken Pizza	2371

Join the necessary tables to find the 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 Rows
	category	quantity	
▶	Classic	14888	
	Supreme	11987	
	Veggie	11649	
	Chicken	11050	

#Determine the distribution of orders by hour of the day.

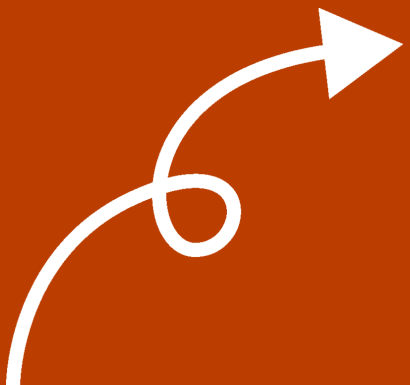
```
SELECT
```

```
    HOUR(order_time), COUNT(order_id)
```

```
FROM
```

```
    orders
```

```
GROUP BY HOUR(order_time) desc;
```



	HOUR(order_time)	COUNT(order_id)
▶	23	28
	22	663
	21	1198
	20	1642
	19	2009
	18	2399
	17	2336

Group the orders by date and calculate the average number of pizzas ordered per day.

```
select round(avg(quantity ),0) from  
(SELECT  
    orders.order_date, SUM(order_details.quantity) as quantity  
FROM  
    orders  
    JOIN  
    order_details ON orders.order_id = order_details.order_id  
GROUP BY orders.order_date) as order_quantity;
```

),0)
▶	138



THANKYOU