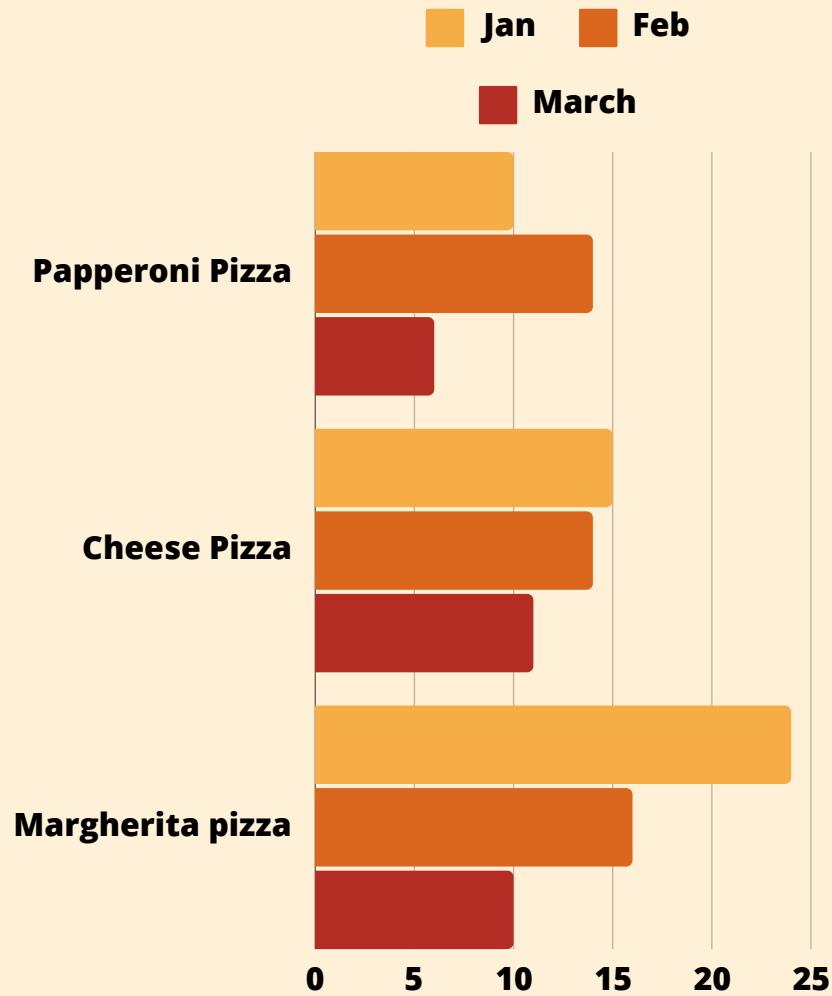


PIZZA SALES USING SQL

PRESENTED BY
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PIZZA SALES

**OBJECTIVE : PIZZA SALES ANALYSIS
USING MYSQL CAN ENCOMPASS
SEVERAL GOALS, DEPENDING ON
THE SPECIFIC NEEDS OF THE
BUSINESS.**

#Questions

```
/*--Retrieve the total number of order placed.  
  
select count(order_id) as total_orders from orders;
```

Result Grid	
	count(order_id)
▶	21350

#Questions

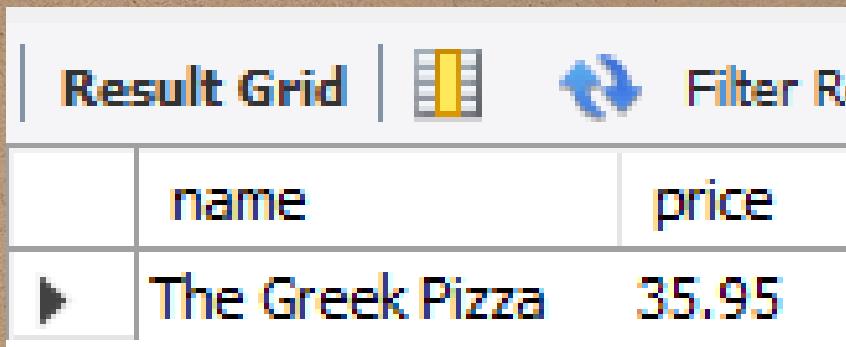
```
/*--Calculate the total revenue generated from pizza sales*/  
  
SELECT  
    SUM(order_details.quantity * pizzas.price) AS total_revenue  
FROM  
    order_details  
    JOIN  
    pizzas ON pizzas.pizza_id = order_details.pizza_id
```

Result Grid |  

	total_revenue
▶	817860.049999993

#Questions

```
/*--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;
```



The screenshot shows a MySQL Workbench result grid. The grid has two columns: 'name' and 'price'. There is one row of data: 'The Greek Pizza' with a price of '35.95'. The grid includes standard database navigation icons for back, forward, and search.

	name	price
▶	The Greek Pizza	35.95

#Questions

```
select pizzas.size, count(order_details.order_details_id)
from pizzas join order_details
on pizzas.pizza_id = order_details.pizza_id
group by pizzas.size;
```

	hour(order_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	663	
23	28	
10	8	
9	1	

#Questions

```
/* Join relevant tables to find the category wise distribution of pizzas*/  
  
SELECT  
    category, COUNT(name)  
FROM  
    pizza_types  
GROUP BY category;
```

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

#Questions

```
/* Group the orders by date and calculate average no.of pizza ordered per day */

SELECT
    AVG(quantity)
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 data;
```

Result Grid

	avg (quantity)
▶	138.4749