

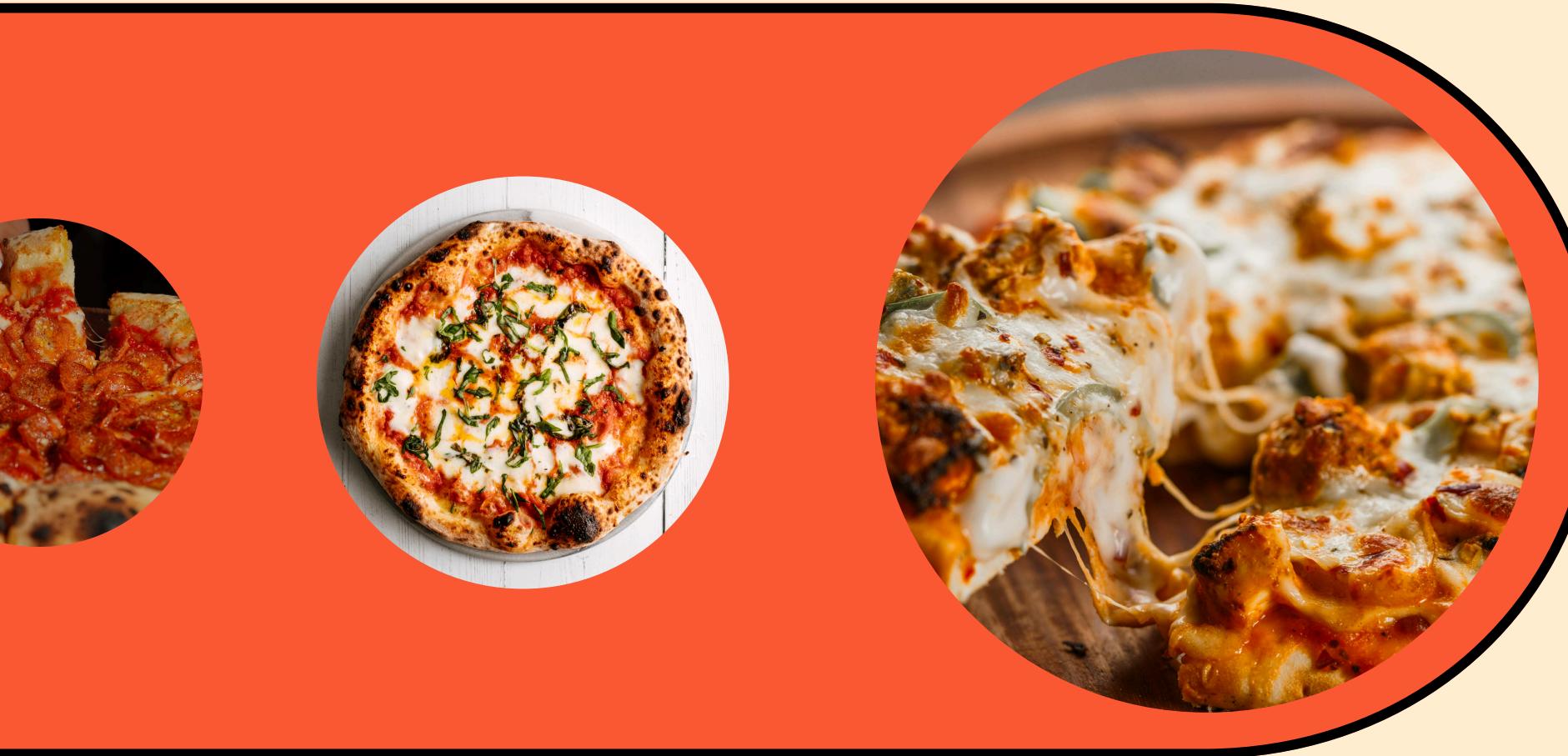
PIZZA

**SQL
PROJECT**

DISCOUNT · DISCOUNT · DISCOUNT ·
DISCOUNT · DISCOUNT · DISCOUNT ·
25%



HELLO



**HELLO EVERYONE! I'M PRINCE.
EXCITED TO SHARE MY SQL PROJECT
ON A PIZZA STORE DATABASE,
HIGHLIGHTING KEY INSIGHTS,
QUERIES, AND DATA-DRIVEN
RESULTS. HOPE YOU FIND IT
INSIGHTFUL!"**



RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED

SELECT

COUNT(order_id) AS total_orders

FROM

orders;

RESULT

21300

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
```



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;

RESULT
THE GREEK PIZZA
= 35

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;
```

SIZE = L
ORDERS = 18526



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

DELUX PIZZA
2453

CHEICKEN
PIZZA
2432

HAWALIAN
2422

PEPPERONI
2418

THAI CHICKEN
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;
```

CATEGORY	QUANTITY
VEGGIE	11649
CHICKEN	11050

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;
```

RESULT
138

DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE



THAI
CHICKEN
43434

BARBEQUE
CHICKEN
42768

CALIFORNIA
CHICKEN
41410

SELECT

```
 pizza_types.name,  
 ROUND(SUM(order_details.quantity * pizzas.price),  
 0) 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;
```

CALCULATE THE PERCENTAGE CONTRIBUTION OF EACH PIZZA TYPE TO TOTAL REVENUE



VEGGIE

23

SUPREME

25

CLASSIC

26

THAI CHICKEN

23

```
SELECT
    pizza_types.category,
    (SUM(order_details.quantity * pizzas.price) / (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)) *100 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.category
ORDER BY revenue DESC;
```

CALCULATE THE PERCENTAGE CONTRIBUTION OF EACH PIZZA TYPE TO TOTAL REVENUE



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```
SELECT
    pizza_types.category,
    (SUM(order_details.quantity * pizzas.price) / (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)) *100 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.category
ORDER BY revenue DESC;
```



THANK YOU