This project on

Delicious Pizza Sales

introduction

Features of Free Pizza Offer

Our promotion offers customers a free pizza with every online order of $20 or more.

02

Benefits of the Promotion

Customers enjoy savings while delighting in delicious pizzas made with the freshest ingredients.

03

How to Redeem

Simply add the free pizza of your choice to your cart and it will be automatically discounted at checkout.

Exploring Free Pizza Sales Concept

Unveiling a Win-Win Deal

PROJECT PIZZA SALES

Sayed mahbub - e khuda

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

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

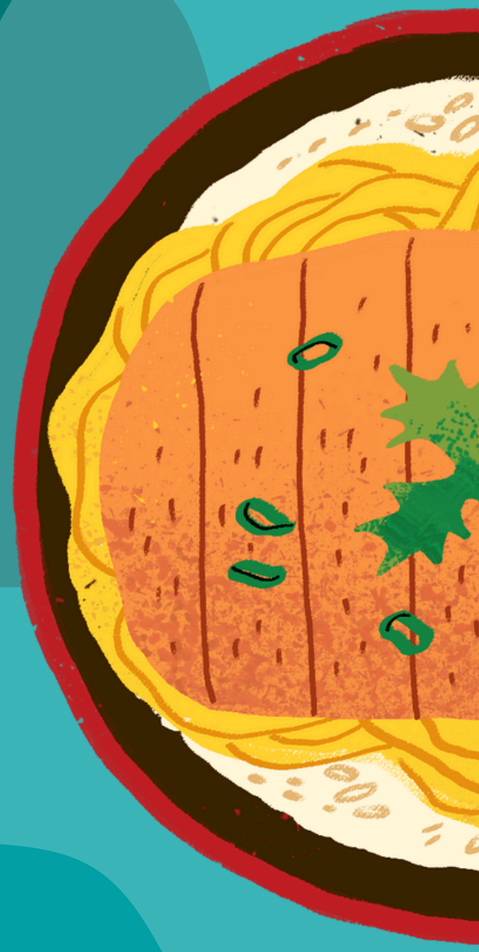
```
select category, name , revenue, rn from
(select category, name , revenue, rank() over(partition by category order by revenue) as rn from
(SELECT
pizza_types.category,
pizza_types.name,
SUM(order_details.quantity * pizzas.price) AS revenue
FROM
pizzas
JOIN
order_details ON order_details.pizza_id = pizzas.pizza_id
JOIN
pizza_types ON pizza_types.pizza_type_id = pizzas.pizza_type_id
GROUP BY pizza_types.category , pizza_types.name
ORDER BY category)  as a) as b
where rn<=3;
```

category	name	revenue	rn
Chicken	The Chicken Pesto Pizza	16701.75	1
Chicken	The Chicken Alfredo Pizza	16900.25	2
Chicken	The Southwest Chicken Pizza	34705.75	3
Classic	The Pepperoni, Mushroom, and Peppers Pizza	18834.5	1
Classic	The Big Meat Pizza	22968	2
Classic	The Napolitana Pizza	24087	3
Supreme	The Brie Carre Pizza	11588.4999999999	1
Supreme	The Spinach Supreme Pizza	15277.75	2
Supreme	The Calabrese Pizza	15934.25	3
Veggie	The Green Garden Pizza	13955.75	1
Veggie	The Mediterranean Pizza	15360.5	2
Veggie	The Spinach Pesto Pizza	15596	3

Determine the top 3 most ordered pizza types based on revenue.

```
SELECT
PIZZA_TYPES.NAME,
SUM(ORDER_DETAILS.QUANTITY * PIZZAS.PRICE) AS REVENUE
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 REVENUE DESC
LIMIT 3
```

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



Cultural Influences

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Identify the most common pizza size ordered

```
SELECT
    pizzas.size,
    COUNT(order_details.order_details_id) AS order_numbers
FROM
    pizzas
        JOIN
    order_details ON pizzas.pizza_id = order_details.pizza_id
GROUP BY pizzas.size
ORDER BY order_numbers DESC;
```

size	order_numbers
L	18526
M	15385
S	14137
XL	544
XXL	28

Our Delicious Deals

Choose your favorite

Small	Medium	Large
$5.99	**$8.99**	**$12.99**

Order Now!

Get your free pizza!

Don't miss out on this delicious deal - place your order now and enjoy a free pizza on us!

Meet Our Team

SAMANTHA

Head Chef

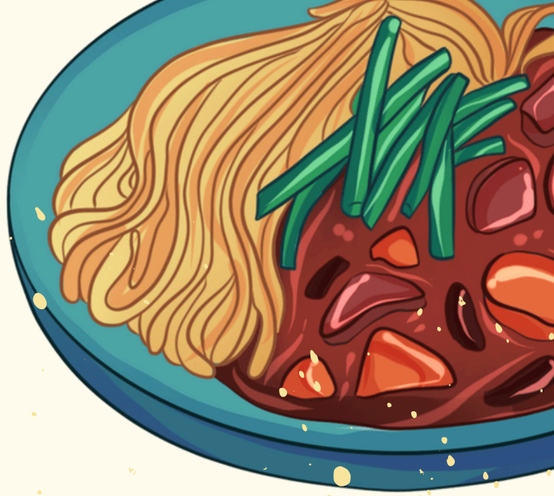
MICHAEL

Marketing Manager

ALEX

Sales Representative

Determine the distribution of orders by hour of the day.



```
SELECT
HOUR(order_time) AS hour,
COUNT(order_id) AS order_count
FROM
orders
GROUP BY hour
limit 8;
```

hour	order_count
11	1231
12	2520
13	2455
14	1472
15	1468
16	1920
17	2336
18	2399

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

```
SELECT
    pizza_types.name,
    SUM(order_details.quantity) AS quantity
FROM
    pizzas
        JOIN
    pizza_types 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