



# Slice Of Data

-An SQL report on pizza sales at  
Domino's.



# Calculate the total revenue generated from pizza sales.

```
SELECT  
    ROUND(SUM(ordersdetails.quantity * pizzas.price),  
          2) AS total_sales  
FROM  
    ordersdetails  
    JOIN  
    pizzas ON pizzas.pizza_id = ordersdetails.pizza_id
```

| Result Grid |             |
|-------------|-------------|
|             | 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(ordersdetails.order_details_id) AS order_count
FROM
    pizzas
    JOIN
        ordersdetails ON pizzas.pizza_id = ordersdetails.pizza_id
GROUP BY pizzas.size
ORDER BY order_count DESC;
```

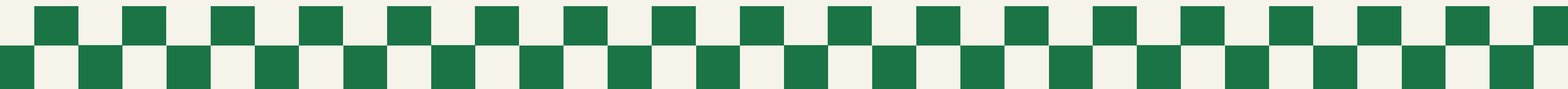
|   | size | order_count |
|---|------|-------------|
| ▶ | L    | 18526       |
|   | M    | 15385       |
|   | S    | 14137       |
|   | XL   | 544         |
|   | XXL  | 28          |



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

| 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     |

```
SELECT
    pizza_types.name, SUM(ordersdetails.quantity) AS quantity
FROM
    pizza_types
    JOIN
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
    JOIN
    ordersdetails ON ordersdetails.pizza_id = pizzas.pizza_id
GROUP BY pizza_types.name
ORDER BY quantity DESC
LIMIT 5
```



Join the necessary tables to find the total quantity of each pizza category ordered.

```
SELECT
    pizza_types.category,
    SUM(ordersdetails.quantity) AS quantity
FROM
    pizza_types
    JOIN
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
    JOIN
    ordersdetails ON ordersdetails.pizza_id = pizzas.pizza_id
GROUP BY pizza_types.category
ORDER BY quantity DESC
```

|   | category | quantity |
|---|----------|----------|
| ▶ | Classic  | 14888    |
|   | Supreme  | 11987    |
|   | Veggie   | 11649    |
|   | Chicken  | 11050    |

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

```
select pizza_types.name,  
sum(ordersdetails.quantity * pizzas.price) as revenue  
from pizza_types join pizzas  
on pizzas.pizza_type_id = pizza_types.pizza_type_id  
join ordersdetails  
on ordersdetails.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  |



# Calculate the percentage contribution of each pizza type to total revenue.

```
SELECT
    pizza_types.category,
    ROUND(SUM(ordersdetails.quantity * pizzas.price) / (SELECT
        ROUND(SUM(ordersdetails.quantity * pizzas.price),
            2) AS total_sales
        FROM
            ordersdetails
            JOIN
            pizzas ON pizzas.pizza_id = ordersdetails.pizza_id) * 100,
        2) AS revenue
FROM
    pizza_types
    JOIN
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
    JOIN
    ordersdetails ON ordersdetails.pizza_id = pizzas.pizza_id
GROUP BY pizza_types.category
ORDER BY revenue DESC
```

|   | category | revenue |
|---|----------|---------|
| ▶ | Classic  | 26.91   |
|   | Supreme  | 25.46   |
|   | Chicken  | 23.96   |
|   | Veggie   | 23.68   |

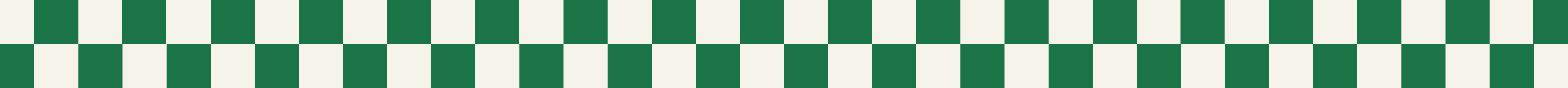




**Determine the top 3 most ordered pizza types based on revenue for each pizza category.**

```
select name, revenue from
(select category, name, revenue,
rank() over(partition by category order by revenue desc) as rn
from
(select pizza_types.category, pizza_types.name,
sum((ordersdetails.quantity) * pizzas.price) as revenue
from pizza_types join pizzas
on pizza_types.pizza_type_id = pizzas.pizza_type_id
join ordersdetails
on ordersdetails.pizza_id = pizzas.pizza_id
group by pizza_types.category, pizza_types.name )as a) as b
where rn <= 3 ;
```

|   | name                         | revenue            |
|---|------------------------------|--------------------|
| * | The Thai Chicken Pizza       | 43434.25           |
|   | The Barbecue Chicken Pizza   | 42768              |
|   | The California Chicken Pizza | 41409.5            |
|   | The Classic Deluxe Pizza     | 38180.5            |
|   | The Hawaiian Pizza           | 32273.25           |
|   | The Pepperoni Pizza          | 30161.75           |
|   | The Spicy Italian Pizza      | 34831.25           |
|   | The Italian Supreme Pizza    | 33476.75           |
|   | The Sicilian Pizza           | 30940.5            |
|   | The Four Cheese Pizza        | 32265.700000000065 |
|   | The Mexicana Pizza           | 26780.75           |
|   | The Five Cheese Pizza        | 26066.5            |



 *Thank*   
**you**

