

New Tastes!

# PIZZA MENU

ONLY  
\$45



DELIVERY ORDER



OUR STORE

Buy Now!

# HOT & SPICY

# PIZZA

```
1      -- Retrieve the total no of orders placed
2 •  SELECT
3          COUNT(order_id) AS totalorders
4  FROM
5      orders;
```

Result Grid	
	totalorders
→	21350

# CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.

SELECT

```
ROUND(SUM(order_details.quantity * pizzas.price),  
2) AS total_sales
```

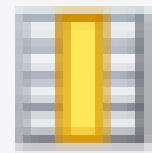
FROM

```
order_details
```

JOIN

```
pizzas ON pizzas.pizza_id = order_details.pizza_id;
```

Result Grid



total\_sales

817860.05

# IDENTIFY THE HIGHEST-PRICED PIZZA.

PIZZA

SELECT

pizza\_types.name, pizzas.price

FROM

pizza\_types

JOIN

pizzas ON pizzas.pizza\_type\_id = pizza\_types.pizza\_type\_id

ORDER BY pizzas.price DESC

LIMIT 1;

Result Grid | Filter Rows:

	name	price
▶	The Greek Pizza	35.95

CLUB-3



```
SELECT
    pizzas.size, SUM(order_details.quantity)
FROM
    pizzas
        JOIN
    order_details ON order_details.pizza_id = pizzas.pizza_id
GROUP BY pizzas.size
ORDER BY SUM(order_details.quantity) DESC
LIMIT 1;
```

IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED.

	size	SUM(order_details.quantity)
▶	L	18956

# LIST THE TOP 5 MOST ORDERED PIZZA TYPES ALONG WITH THEIR QUANTITIES.

SELECT

```
pizza_types.name, SUM(order_details.quantity) AS total_sum
```

FROM

```
pizzas
```

JOIN

```
order_details ON order_details.pizza_id = pizzas.pizza_id
```

JOIN

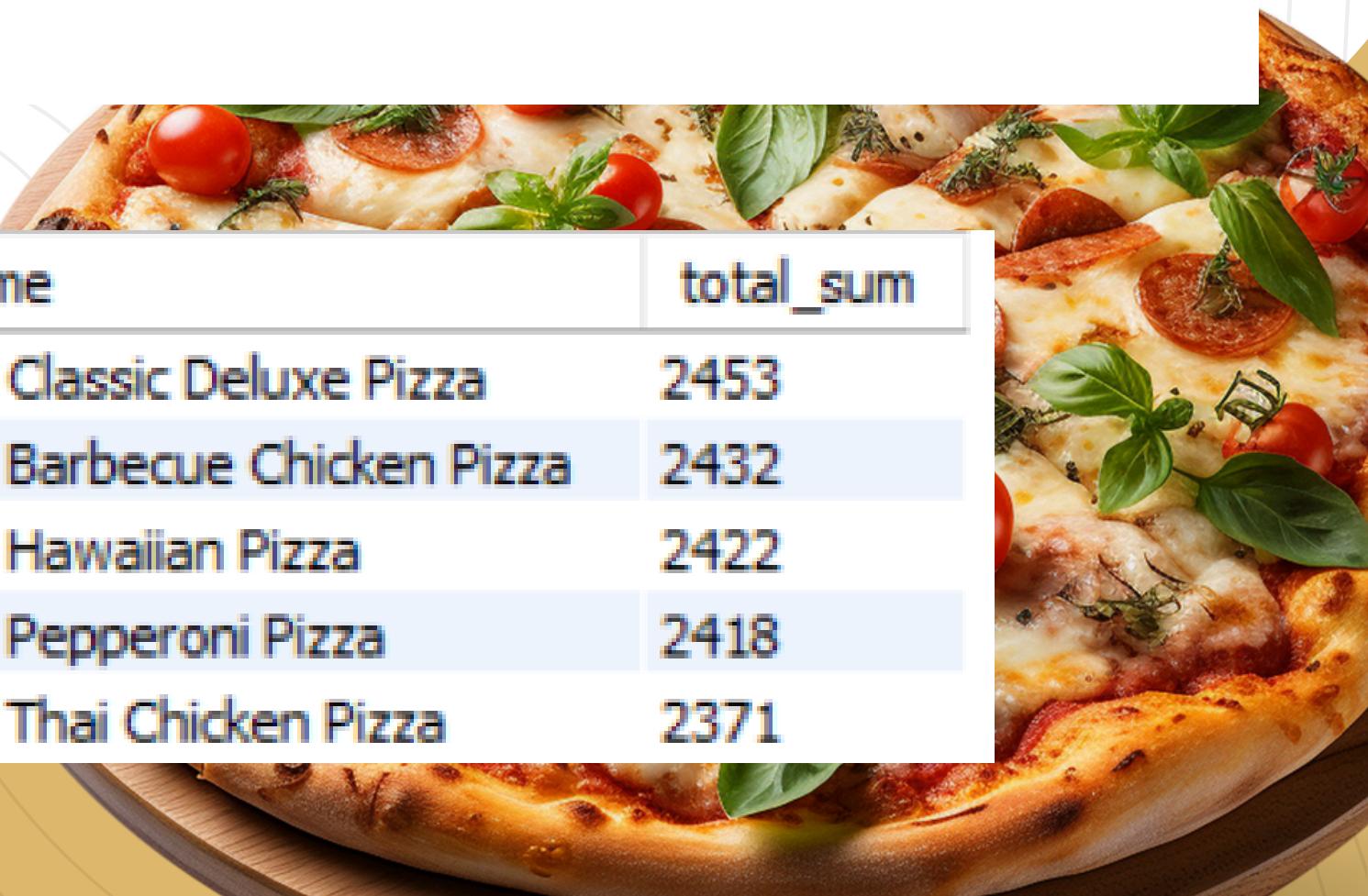
```
pizza_types ON pizzas.pizza_type_id = pizza_types.pizza_type_id
```

GROUP BY pizza\_types.name

ORDER BY total\_sum DESC

LIMIT 5;

	name	total_sum
▶	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.category,
    SUM(order_details.quantity) AS total_sum
FROM
    pizza_types
        JOIN
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
        JOIN
    order_details ON pizzas.pizza_id = order_details.pizza_id
GROUP BY pizza_types.category
ORDER BY total_sum DESC;
```

**JOIN THE NECESSARY TABLES TO FIND THE TOTAL QUANTITY OF EACH PIZZA CATEGORY ORDERED.**

	category	total_sum
▶	Classic	14888
	Supreme	11987
	Veggie	11649
	Chicken	11050

# DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY.

SELECT

HOUR(order\_time) AS hoursdis, COUNT(order\_id) AS counts

FROM

orders

GROUP BY hoursdis

ORDER BY counts DESC;

12	2520
13	2455
18	2399
17	2336
19	2009
16	1920
20	1642
14	1472
15	1468
11	1231
21	1198
22	663
23	28
10	8
9	1

NEW MENU  
RELEASE



# PEPPERONI

Order Now

ONLY AT BORCELLE, PIZZA SPECIALTY

LIMITED OFFER

\$15

JOIN RELEVANT TABLES TO FIND THE CATEGORY-WISE DISTRIBUTION OF PIZZAS.

# New Variant Pizza

GRAB IT FAST

SELECT

category, COUNT(name)

FROM

pizza\_types

GROUP BY category;

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



**SELECT**

ROUND(AVG(sum\_avg), 3) AS roundoff

**FROM**

(**SELECT**

orders.order\_date, SUM(order\_details.quantity) AS sum\_avg

**FROM**

orders

JOIN order\_details ON order\_details.order\_id = orders.order\_id

**GROUP BY** orders.order\_date) AS rt;

GROUP THE ORDERS BY DATE AND CALCULATE THE AVERAGE NUMBER OF PIZZAS ORDERED PER DAY.



	roundoff
▶	138.475

DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE.

```
SELECT
    pizza_types.name,
    ROUND(SUM(pizzas.price * order_details.quantity)) AS sumpiz
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 sumpiz DESC
LIMIT 3
;
```

	name	sumpiz
▶	The Thai Chicken Pizza	43434
▶	The Barbecue Chicken Pizza	42768
	The California Chicken Pizza	41410

# 1. CALCULATE THE PERCENTAGE CONTRIBUTION OF EACH PIZZA TYPE TO TOTAL REVENUE.

```
SELECT
    pizza_types.category AS category,
    SUM(order_details.quantity * pizzas.price) / (SELECT
        SUM(order_details.quantity * pizzas.price))
    FROM
        order_details
        JOIN
        pizzas ON order_details.pizza_id = pizzas.pizza_id) * 100 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 category
ORDER BY revenue DESC;
```

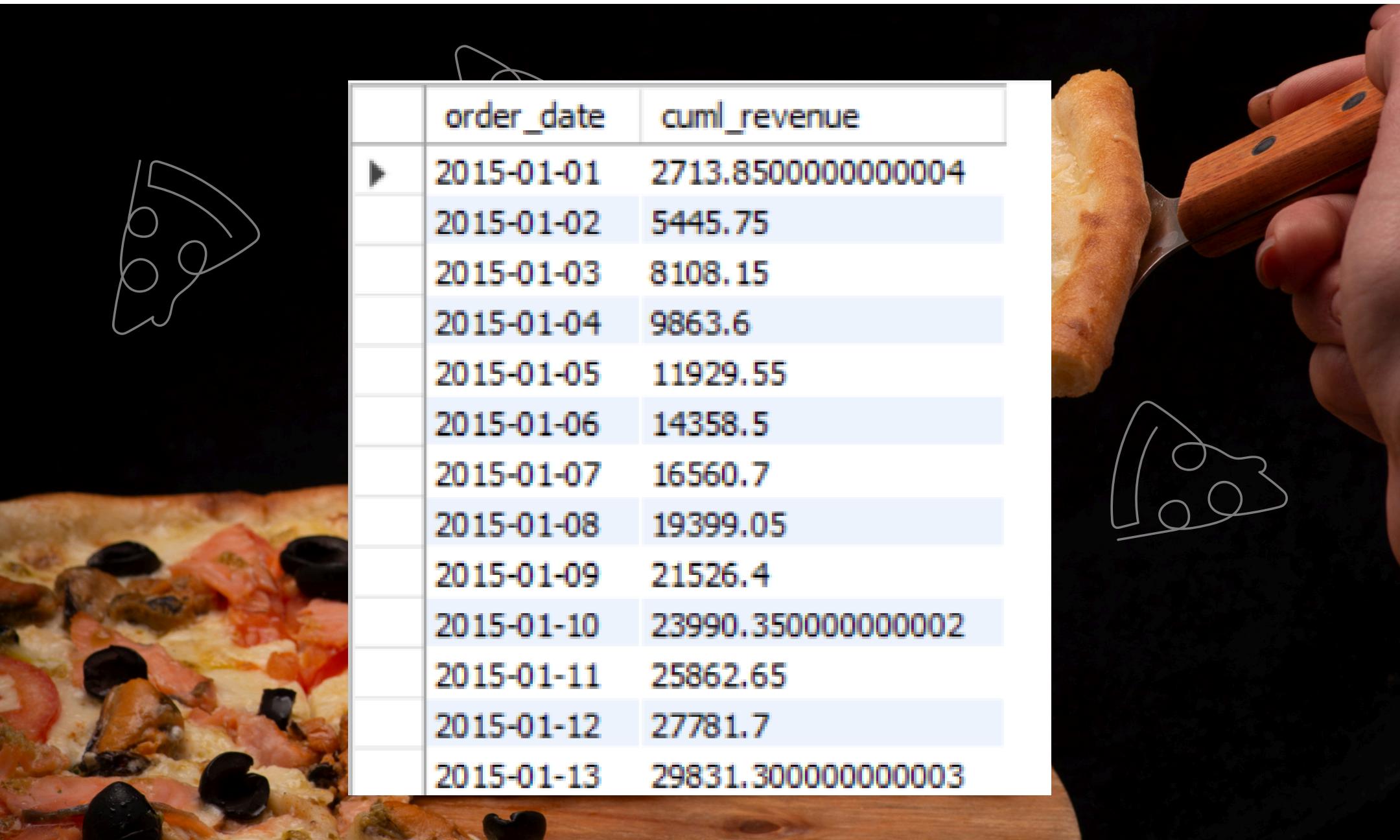
	category	revenue
▶	Classic	26.905960255669903
	Supreme	25.45631126009884
	Chicken	23.955137556847493
	Veggie	23.682590927384783

# PIZZA

ANALYZE THE CUMULATIVE REVENUE GENERATED OVER TIME.

```
select order_date, sum(revenue) over (order by order_date) as cuml_revenue from  
(select orders.order_date,sum(order_details.quantity*pizzas.price) as revenue  
from orders join order_details on  
order_details.order_id=orders.order_id  
join pizzas on pizzas.pizza_id = order_details.pizza_id  
group by orders.order_date) as sumt;
```

	order_date	cuml_revenue
▶	2015-01-01	2713.8500000000004
	2015-01-02	5445.75
	2015-01-03	8108.15
	2015-01-04	9863.6
	2015-01-05	11929.55
	2015-01-06	14358.5
	2015-01-07	16560.7
	2015-01-08	19399.05
	2015-01-09	21526.4
	2015-01-10	23990.350000000002
	2015-01-11	25862.65
	2015-01-12	27781.7
	2015-01-13	29831.300000000003





DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE FOR EACH PIZZA CATEGORY.

```
select category, name, revenue, rn 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(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.category ,pizza_types.name)as a ) as b
where rn<=3;
```

	category	name	revenue	rn
▶	Chicken	The Thai Chicken Pizza	43434.25	1
	Chicken	The Barbecue Chicken Pizza	42768	2
	Chicken	The California Chicken Pizza	41409.5	3
	Classic	The Classic Deluxe Pizza	38180.5	1
	Classic	The Hawaiian Pizza	32273.25	2
	Classic	The Pepperoni Pizza	30161.75	3
	Supreme	The Spicy Italian Pizza	34831.25	1
	Supreme	The Italian Supreme Pizza	33476.75	2
	Supreme	The Sicilian Pizza	30940.5	3
	Veggie	The Four Cheese Pizza	32265.70000000065	1
	Veggie	The Mexicana Pizza	26780.75	2
	Veggie	The Five Cheese Pizza	26066.5	3

