

# PIZZA SALES REPORT



# TOTAL REVENUE FROM THE PIZZA SALES

SELECT

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

FROM

```
order_details
```

JOIN

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

revenue
817860.05



A large pizza is shown on a wooden board, cut into several slices. The pizza has a golden-brown crust and is topped with melted cheese, ham, and some small red toppings like cherry tomatoes or bell peppers. Several slices have been removed from the main circle, creating a缺口 (gap) in the pizza.

# IDENTIFY THE HIGHEST-PRICED 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;
```

	name	price
▶	The Greek Pizza	35.95

# MOST COMMON SIZE OF PIZZA ORDERED

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

	size	tot_qnt
▶	L	18956

# TOP 5 MOST ORDERED PIZZA TYPES

```
SELECT pizza_types.name, SUM(order_details.quantity) AS tot_qnt
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.name
ORDER BY tot_qnt DESC limit 5;
```

	name	tot_qnt
▶	The Classic Deluxe Pizza	2453
	The Barbecue Chicken Pizza	2432
	The Hawaiian Pizza	2422
	The Pepperoni Pizza	2418
	The Thai Chicken Pizza	2371



# THE TOTAL QUANTITY OF EACH PIZZA CATEGORY ORDERED

SELECT

  pizza\_types.category, SUM(order\_details.quantity) AS tot\_qnt

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 tot\_qnt DESC;

	category	tot_qnt
▶	Classic	14888
	Supreme	11987
	Veggie	11649
	Chicken	11050



# DISTRIBUTION OF ORDERS BY HOUR OF THE DAY

```
SELECT  
    HOUR(orders.order_time) AS Hour,  
    COUNT(order_details.order_id) AS sales  
FROM  
    orders  
        JOIN  
    order_details ON orders.order_id = order_details.order_id  
GROUP BY Hour  
order by Hour asc;
```

	Hour	sales
▶	9	4
	10	17
	11	2672
	12	6543
	13	6203
	14	3521
	15	3170
	16	4185
	17	5143
	18	5359
	19	4350
	20	3487
	21	2528
	22	1370
	23	68

# CATEGORY-WISE DISTRIBUTION OF PIZZAS

```
SELECT  
    category, COUNT(name) AS tot_cnt  
FROM  
    pizza_types  
GROUP BY category;
```

	category	tot_cnt
▶	Chicken	6
	Classic	8
	Supreme	9
	Veggie	9



# AVERAGE NUMBER OF PIZZAS ORDERED PER DAY

```
SELECT  
    round(AVG(sum),0) as avg_order  
FROM  
    (SELECT  
        orders.order_date, SUM(order_details.quantity) AS sum  
    FROM  
        orders  
    JOIN order_details ON orders.order_id = order_details.order_id  
    GROUP BY orders.order_date) AS a;
```

	avg_order
▶	138



# TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE

```
SELECT
    pizza_types.name,
    SUM(order_details.quantity * pizzas.price) AS revenue
FROM
    pizzas
    JOIN
    pizza_types ON pizzas.pizza_type_id = pizza_types.pizza_type_id
    JOIN
    order_details ON pizzas.pizza_id = order_details.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



# PERCENTAGE CONTRIBUTION OF EACH PIZZA CATEGORY TO TOTAL REVENUE

```
SELECT
    category,
    ROUND(revenue / (SELECT
        SUM(order_details.quantity * pizzas.price)
    FROM
        order_details
    JOIN
        pizzas ON order_details.pizza_id = pizzas.pizza_id) * 100,
    2) AS per_of_revenue
FROM
    (SELECT
        pizza_types.category,
        ROUND(SUM(order_details.quantity * pizzas.price), 2) 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
    ORDER BY revenue DESC) AS a;
```

	category	per_of_revenue
▶	Classic	26.91
	Supreme	25.46
	Chicken	23.96
	Veggie	23.68

# THANK YOU!

