

# Pizza Sales Report



2024

# Introduction

Sales Analysis Report of a Pizza Company  
classified on the basis of order details and pizza  
types.

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# Data Analysed



# Calculate the total revenue generated from pizza sales.

```
3 • SELECT
4   ROUND(SUM(order_details.quantity * pizzas.price),
5         2) AS total_sales
6 FROM
7   order_details
8   JOIN
9   pizzas ON pizzas.pizza_id = order_details.pizza_id
```

Result Grid | Filter Rows:  Export

	total_sales
▶	178368.65

# Identify the highest-priced pizza

```
1 -- Identify the highest-priced pizza.  
2  
3 • SELECT  
4     pizza_types.name, pizzas.price  
5 FROM  
6     pizza_types  
7         JOIN  
8     pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id  
9 ORDER BY pizzas.price DESC  
10 LIMIT 1;
```

The screenshot shows the MySQL Workbench interface with the 'Result Grid' tab selected. The results of the executed SQL query are displayed in a grid:

	name	price
▶	The Greek Pizza	35.95

# 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((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;
```

Result Grid		Filter Rows:	Export:
	name	revenue	
▶	The Barbecue Chicken Pizza	9800.25	
	The California Chicken Pizza	9050	
	The Thai Chicken Pizza	9033.5	
	The Classic Deluxe Pizza	7582.5	
	The Hawaiian Pizza	6941.5	
	The Pepperoni Pizza	6851.25	
	The Spicy Italian Pizza	7208.25	
	The Italian Supreme Pizza	7106.75	
	The Sicilian Pizza	7035	
	The Four Cheese Pizza	7263.399999999965	
	The Vegetables + Vegetabl...	6012.25	
	The Five Cheese Pizza	5975.5	

# Analyze the cumulative revenue generated over time

```
3 • select order_date,  
4   sum(revenue) over(order by order_date) as cum_revenue  
5   from  
6   (select orders.order_date,  
7     sum(order_details.quantity * pizzas.price) as revenue  
8     from order_details join pizzas  
9     on order_details.pizza_id = pizzas.pizza_id  
10    join orders  
11    on orders.order_id = order_details.order_id  
12   group by orders.order_date) as sales;
```

	order_date	cum_revenue
1	2015-02-28	134952.90000000002
2	2015-03-01	136551.45
3	2015-03-02	138930.5
4	2015-03-03	141218.4
5	2015-03-04	143662.6999999998
6	2015-03-05	146013.3499999998
7	2015-03-06	148527.3
8	2015-03-07	150927.75
9	2015-03-08	153115.9
10	2015-03-09	155450.4499999998
11	2015-03-10	157839.15
12	2015-03-11	160046.85
13	2015-03-12	162041.75
14	2015-03-13	164828.4
15	2015-03-14	166867.85
16	2015-03-15	168936.45
17	2015-03-16	171231.5
18	2015-03-17	174196.8
19	2015-03-18	176272.1999999998
20	2015-03-19	178368.65

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

```
3 • SELECT
4     pizza_types.category,
5         (SUM(order_details.quantity * pizzas.price) / (SELECT
6             ROUND(SUM(order_details.quantity * pizzas.price),
7                 2) AS total_sales
8
9             FROM
10            order_details
11            JOIN
12            pizzas ON pizzas.pizza_id = order_details.pizza_id)) * 100 AS revenue
12   FROM
13   pizza_types
14   JOIN
15   pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
16   JOIN
17   order_details ON order_details.pizza_id = pizzas.pizza_id
18 GROUP BY pizza_types.category
19 ORDER BY revenue DESC;
```

	category	revenue
▶	Classic	26.5522556794593
	Supreme	25.3465785607505
	Veggie	24.3608672263875
	Chicken	23.7402985334025

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

```
3 • SELECT
4     pizza_types.name,
5         SUM(order_details.quantity * pizzas.price) AS revenue
6 FROM
7     pizza_types
8         JOIN
9     pizzas ON pizzas.pizza_type_id = pizza_types.pizza_type_id
10        JOIN
11    order_details ON order_details.pizza_id = pizzas.pizza_id
12 GROUP BY pizza_types.name
13 ORDER BY revenue DESC
14 LIMIT 3;
```

Result Grid | Filter Rows:

	name	revenue
▶	The Barbecue Chicken Pizza	9800.25
	The California Chicken Pizza	9050
	The Thai Chicken Pizza	9033.5

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

```
3 • SELECT
4     pizza_types.name, SUM(order_details.quantity) AS quantity
5 FROM
6     pizza_types
7         JOIN
8     pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
9         JOIN
10    order_details ON order_details.pizza_id = pizzas.pizza_id
11 GROUP BY pizza_types.name
12 ORDER BY quantity DESC
13 LIMIT 5;
```

	name	quantity
▶	The Barbecue Chicken Pizza	555
	The Pepperoni Pizza	547
	The Hawaiian Pizza	524
	The California Chicken Pizza	520
	The Thai Chicken Pizza	498

# Thank you!

