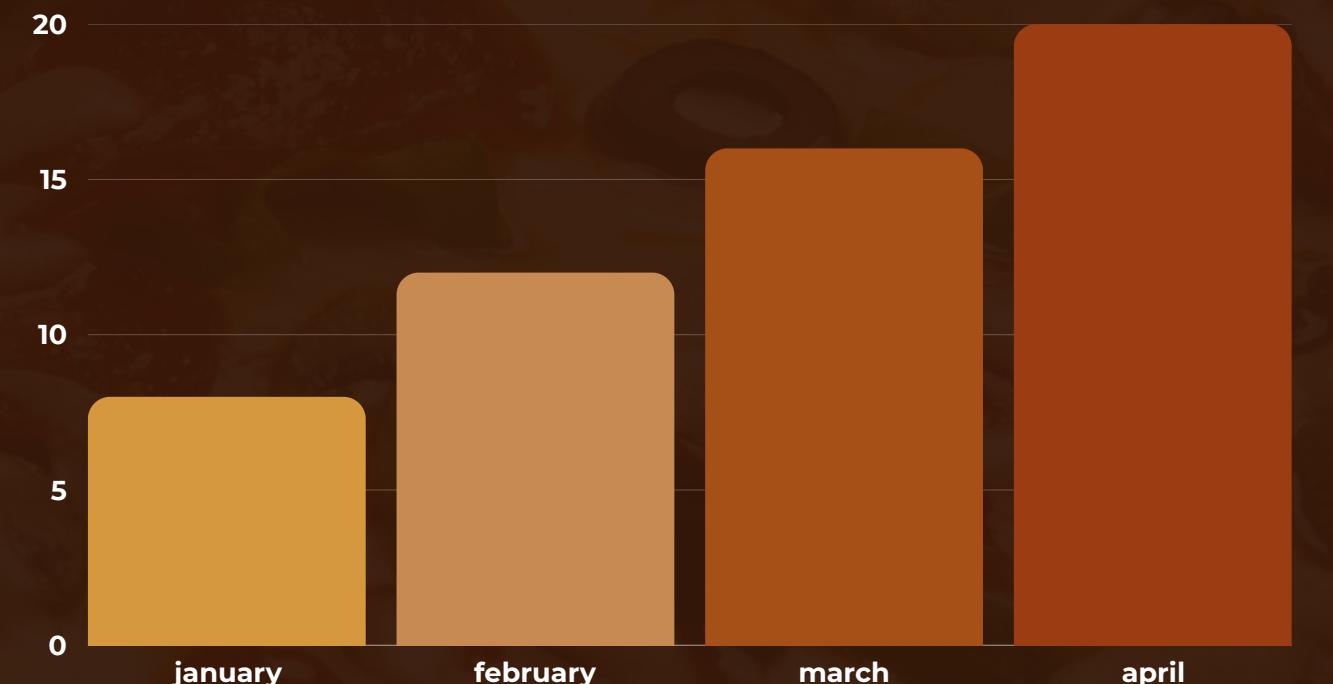


PIZZA SALES REPORT

SLIDE TO KNOW MORE





ABOUT THE PROJECT REPORT

This report provides an analysis of pizza sales data to uncover key insights that can help improve business performance and customer satisfaction. The data was analyzed using SQL to extract, aggregate, and visualize important trends in sales.

Insights & Recommendations:

- Focus promotions and staffing during peak hours (especially weekends and evenings).
- Consider busiest hours, week day, loyal customers etc.
- Monitor underperforming pizza types and evaluate potential menu adjustments.

QUESTIONS

BASIC

Retrieve the total number of orders placed.

Calculate the total revenue generated from pizza sales.

Identify the highest-priced pizza.

Identify the most common pizza size ordered.

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

INTERMEDIATE

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

Determine the distribution of orders by hour of the day.

Join relevant tables to find the category-wise distribution of pizzas.

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

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

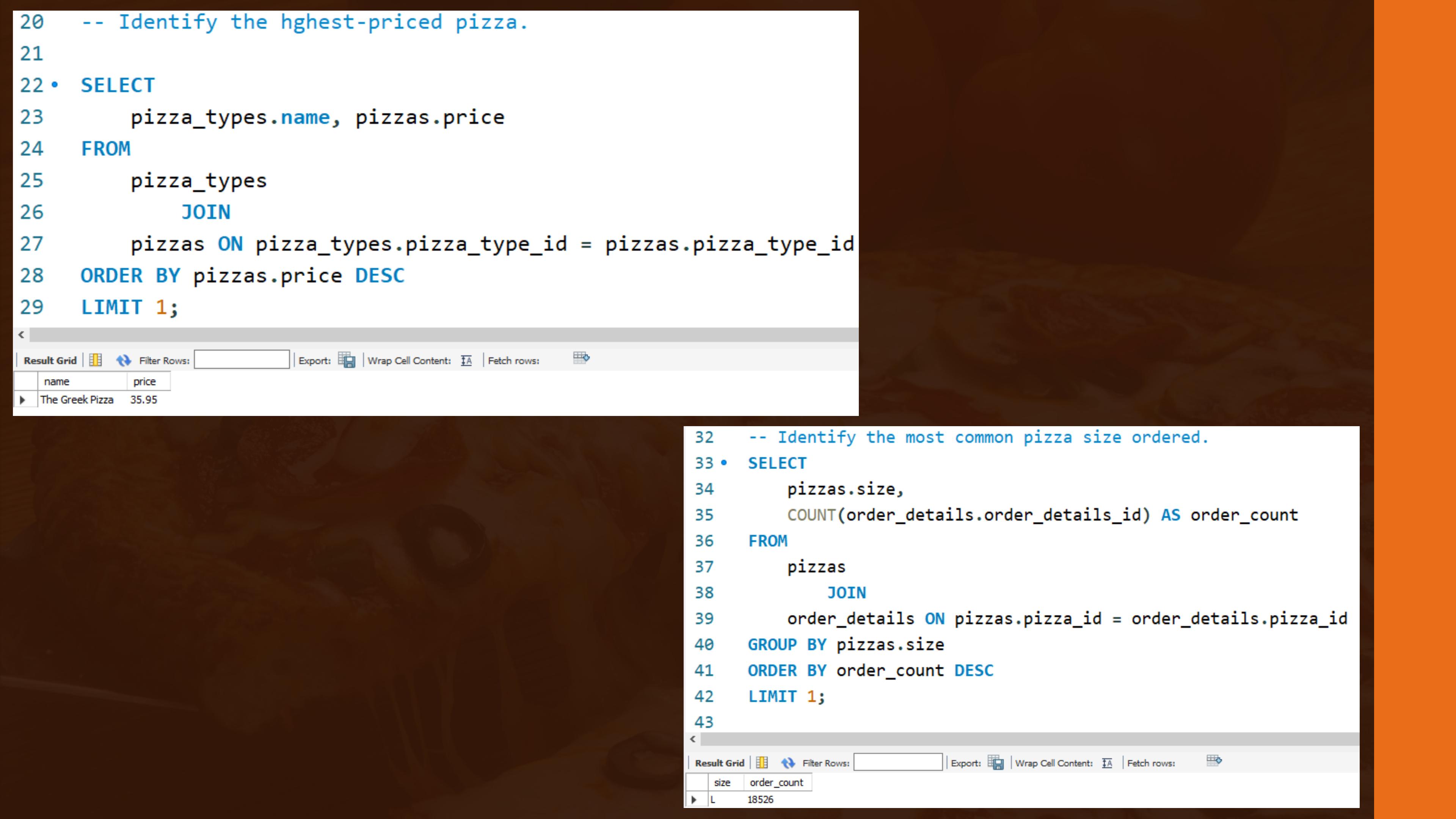
```
1 -- Retrieve the total number of orders placed.  
2  
3 • SELECT  
4     COUNT(order_id) AS total_orders  
5 FROM  
6     orders;  
7
```

Result Grid	
total_orders	
▶	21350

```
9 -- Calculate the total revenue generated from the pizza sales.  
10  
11 • SELECT  
12     ROUND(SUM(order_details.quantity * pizzas.price),  
13             2) AS total_sales  
14 FROM  
15     order_details  
16     JOIN  
17     pizzas ON pizzas.pizza_id = order_details.pizza_id;  
18
```

Result Grid	
total_sales	
▶	817860.05

```
20 -- Identify the highest-priced pizza.  
21  
22 • SELECT  
23     pizza_types.name, pizzas.price  
24 FROM  
25     pizza_types  
26         JOIN  
27     pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id  
28 ORDER BY pizzas.price DESC  
29 LIMIT 1;
```



A blurred background image of a pizza with various toppings like pepperoni and cheese.

Result Grid	
name	price
The Greek Pizza	35.95

```
32 -- Identify the most common pizza size ordered.  
33 • SELECT  
34     pizzas.size,  
35     COUNT(order_details.order_details_id) AS order_count  
36 FROM  
37     pizzas  
38         JOIN  
39     order_details ON pizzas.pizza_id = order_details.pizza_id  
40 GROUP BY pizzas.size  
41 ORDER BY order_count DESC  
42 LIMIT 1;  
43
```

Result Grid	
size	order_count
L	18526

```
45  -- List the top 5 most ordered pizza types along with their quantities.  
46 • SELECT  
47      pizza_types.name, SUM(order_details.quantity) AS quantity  
48  FROM  
49      pizza_types  
      JOIN  
51      pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id  
52      JOIN  
53      order_details ON order_details.pizza_id = pizzas.pizza_id  
54  GROUP BY pizza_types.name  
55  ORDER BY quantity DESC  
56  LIMIT 5;
```

The screenshot shows a MySQL query results window. At the top, there are several buttons: 'Result Grid' (selected), 'Filter Rows:' with a search input field, 'Export' (with icons for CSV, JSON, XML, etc.), 'Wrap Cell Content' (with a checkbox), and 'Fetch rows:' (with a dropdown menu). Below the buttons is a table with two columns: 'name' and 'quantity'. The table contains five rows, each representing a pizza type and its total quantity. The rows are ordered by quantity in descending order, with 'The Classic Deluxe Pizza' having the highest quantity (2453) and 'The Thai Chicken Pizza' having the lowest quantity (2371). The table has a light gray background with alternating row colors.

	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

INTERMEDIATE

```
1 -- Total quantity of each pizza category ordered.  
2 • SELECT  
3     pizza_types.category,  
4     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.category  
12   ORDER BY quantity DESC;
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

category	quantity
Classic	14888
Supreme	11987
Veggie	11649
Chicken	11050

```
22 -- Find category-wise distribution of pizzas.
```

```
23
```

```
24 • SELECT
```

```
25     category, COUNT(name)
```

```
26  FROM
```

```
27      pizza_types
```

```
28 GROUP BY category;
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

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

```
15 -- Determine the distribution of orders by hours of the day.  
16 • SELECT  
17     HOUR(order_time), COUNT(order_id)  
18 FROM  
19     orders  
20 GROUP BY HOUR(order_time);
```

<

Result Grid Filter Rows: Export: Wrap Cell Content:

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

```
31 -- Calculate the average number of pizzas ordered per day.  
32  
33 • SELECT  
34     ROUND(AVG(quantity), 0) as avg_pizza  
35 FROM  
36     (SELECT  
37         orders.order_date, SUM(order_details.quantity) AS quantity  
38     FROM  
39         orders  
40     JOIN order_details ON orders.order_id = order_details.order_id  
41     GROUP BY orders.order_date) AS order_quantity;
```

Result Grid	
<input type="button" value="Filter Rows:"/>	<input type="button" value="Export:"/>
avg_pizza	138

```
44 -- Find top 3 most ordered pizza types based on revenue.  
45 • SELECT  
46     pizza_types.name,  
47     SUM(order_details.quantity * pizzas.price) AS revenue  
48 FROM  
49     pizza_types  
50     JOIN  
51     pizzas ON pizzas.pizza_type_id = pizza_types.pizza_type_id  
52     JOIN  
53     order_details ON order_details.pizza_id = pizzas.pizza_id  
54     GROUP BY pizza_types.name  
55     ORDER BY revenue DESC  
56     LIMIT 3;
```

Result Grid		
	name	revenue
▶	The Thai Chicken Pizza	43434.25
	The Barbecue Chicken Pizza	42768
	The California Chicken Pizza	41409.5

Pizza Resto Presentation

**THANK YOU
FOR ATTENTION**

