

# SALES REPORT

Sql report by  
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15  
25

# INTRODUCTION

This report presents an analysis of the company's sales performance using data retrieved and processed through SQL queries. The primary objective of this report is to identify key sales trends, evaluate performance across different products, regions, and time periods, and provide actionable insights to support strategic business decisions. The data used in this report is sourced from the company's sales database, including tables such as customers, orders, products, and sales. This SQL-driven approach ensures accurate, real-time data analysis and allows for dynamic filtering, grouping, and aggregation of sales metrics.



# schemas

SCHEMAS

Filter objects

- ▼ **pizzahut**
  - Tables
    - ▼ **order\_details**
      - Columns
        - ◆ order\_details\_id
        - ◆ order\_id
        - ◆ pizza\_id
        - ◆ quantity
      - Indexes
      - Foreign Keys
      - Triggers
    - ▼ **orders**
      - Columns
        - ◆ order\_id
        - ◆ order\_date
        - ◆ order\_time
      - Indexes
      - Foreign Keys
      - Triggers
    - ▼ **pizza\_types**
      - Columns
        - ◆ pizza\_type\_id
        - ◆ name
        - ◆ category
        - ◆ ingredients
      - Indexes
      - Foreign Keys
      - Triggers
    - ▼ **pizzas**
      - Columns
        - ◆ pizza\_id
        - ◆ pizza\_type\_id
        - ◆ size
        - ◆ price
      - Indexes
      - Foreign Keys
      - Triggers
    - Views
    - Stored Procedures
    - Functions
  - **sakila**
  - **tiny**



orders x order\_details

1 -- QUESTION 1. Retrieve the total number of orders placed.-  
2  
3 • select count(order\_id) from orders;  
4

---

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

	count(order_id)
▶	23



Navigator

orders SQL File 3\* pizzas order\_details

SCHEMAS

Filter objects

pizzahut

Tables

order\_details  
orders  
pizza\_types  
pizzas

Views  
Stored Procedures  
Functions

sakila  
sys  
world

1 -- Question 2. Calculate the total revenue generated from pizza sales.--  
2  
3 • select  
4 sum(order\_details.quantity \* pizzas.price) as total\_sales  
5 from order\_details join pizzas on pizzas.pizza\_id = order\_details.pizza\_id;

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

	total_sales
▶	237.25



Navigator

orders    SQL File 3\*    pizzas    order\_details    SQL File 4\* × pizza\_types

**SCHEMAS**

Filter objects

▼ pizzahut

Tables

- order\_details
- orders
- pizza\_types
- pizzas

Views

Stored Procedures

Functions

► sakila

► sys

► world

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

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

	name	price
▶	The Greek Pizza	35.95



SQL File 3\* SQL File 4\* pizzas orders order\_details pizza\_types SQL File 5\* ×

1 -- Question 4 . Identify the most common pizza size ordered.  
2 • **SELECT**  
3 pizzas.size,  
4 COUNT(order\_details.order\_details\_id) AS order\_count  
5 **FROM**  
6 pizzas  
7 **JOIN**  
8 order\_details **ON** pizzas.pizza\_id = order\_details.pizza\_id  
9 **GROUP BY** pizzas.size  
10 **ORDER BY** order\_count;

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

	size	order_count
▶	L	4
	S	5
	M	6



SQL File 3\* SQL File 4\* pizzas orders order\_details pizza\_types SQL File 5\* SQL File 6\* ×

1 -- Question 5. List the top 5 most ordered pizza types  
2 -- along with their quantities.  
3  
4 • select pizza\_types.name,  
5 sum(order\_details.quantity) as quantity  
6 from pizza\_types join pizzas  
7 on pizza\_types.pizza\_type\_id = pizzas.pizza\_type\_id  
8 join order\_details  
9 on order\_details.pizza\_id = pizzas.pizza\_id  
10 group by pizza\_types.name order by quantity desc limit 5;

---

Result Grid | Filter Rows: \_\_\_\_\_ | Export: | Wrap Cell Content: | Fetch rows:

	name	quantity
▶	The Italian Supreme Pizza	4
	The Classic Deluxe Pizza	2
	The Spinach Supreme Pizza	2
	The Barbecue Chicken Pizza	1
	The Thai Chicken Pizza	1



SQL File 3\* SQL File 4\* pizzas orders order\_details pizza\_types SQL File 5\* SQL File 6\* SQL File 7\* ×

1 -- Question 6. Determine the distribution of orders by hour of the day.  
2  
3 • select hour(order\_time) as hounr, count(order\_id) as order\_count  
4 from orders group by hour(order\_time);



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

	hounr	order_count
▶	11	2
	12	7
	13	10
	14	4

SQL File 3\* SQL File 4\* pizzas orders order\_details pizza\_types SQL File 5\* SQL File 6\* SQL File 7\* SQL File 8\* ×

1 -- question 7. Join relevant tables  
2 -- to find the category-wise distribution of pizzas.  
3  
4 • select category, count(name) from pizza\_types  
5 group by category;



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

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

Result Grid

Form Editor

Search

ile 4\* pizzas orders order\_details pizza\_types SQL File 5\* SQL File 6\* SQL File 7\* SQL File 8\* SQL File 9\* ×

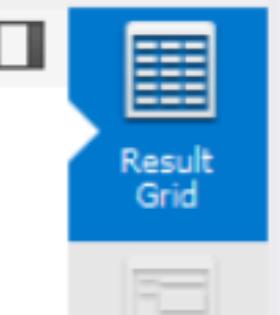


```
1 -- Question 8. Group the orders by date and calculate  
2 -- the average number of pizzas ordered per day.  
3  
4 • select avg(quantity) from  
5   (select orders.order_date, sum(order_details.quantity) as quantity  
6   from orders join order_details  
7   on orders.order_id = order_details.order_id  
8   group by orders.order_date) as order_quantity;  
9
```



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

	avg(quantity)
▶	15.0000



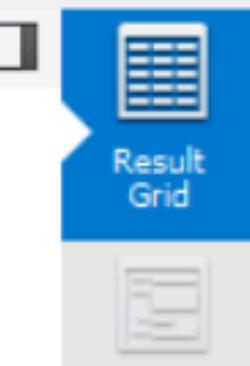
tas orders order\_details pizza\_types SQL File 5\* SQL File 6\* SQL File 7\* SQL File 8\* SQL File 9\* SQL File 10\* ↻ ↺



```
1 -- Question 9. Determine the top 3 most ordered pizza types based on revenue.  
2  
3 • select pizza_types.name,  
4     sum(order_details.quantity * pizzas.price) as revenue  
5   from pizza_types join pizzas  
6     on pizzas.pizza_type_id = pizza_types.pizza_type_id  
7   join order_details  
8     on order_details.pizza_id = pizzas.pizza_id  
9   group by pizza_types.name order by revenue desc limit 3;  
10
```

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

	name	revenue
▶	The Italian Supreme Pizza	70.25
	The Classic Deluxe Pizza	28
	The Spinach Supreme Pizza	25



pizza\_types SQL File 5\* SQL File 6\* SQL File 7\* SQL File 8\* SQL File 9\* SQL File 10\* SQL File 11\* SQL File 12\* ×

1 -- Question 10. Analyze the cumulative revenue generated over time.  
2  
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;  
13

Result Grid Filter Rows: Export: Wrap Cell Content:

	order_date	cum_revenue
▶	2015-01-01	237.25



SQL File 5\* SQL File 6\* SQL File 7\* SQL File 8\* SQL File 9\* SQL File 10\* SQL File 11\* SQL File 12\* SQL File 13\*

Limit to 1000 rows

```
1 -- Question 11. Determine the top 3 most ordered pizza types based
2 -- on revenue for each pizza category.
3 • select category, name , revenue,
4 rank() over(partition by category order by revenue desc) as rn
5 from
6 (select pizza_types.category, pizza_types.name,
7 sum((order_details.quantity) * pizzas.price) as revenue
8 from pizza_types join pizzas
9 on pizza_types.pizza_type_id = pizzas.pizza_type_id
10 join order_details
11 on order_details.pizza_id = pizzas.pizza_id
12 group by pizza_types.category, pizza_types.name) as a;
```

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

	category	name	revenue	rn
▶	Chicken	The Thai Chicken Pizza	20.75	1
	Chicken	The Barbecue Chicken Pizza	12.75	2
	Classic	The Classic Deluxe Pizza	28	1
	Classic	The Hawaiian Pizza	13.25	2
	Classic	The Greek Pizza	12	3
	Supreme	The Italian Supreme Pizza	70.25	1
	Supreme	The Spinach Supreme Pizza	25	2

Result Grid | Form Editor



# THANK YOU!

