

```
mysql> create database mydb;
Query OK, 1 row affected (0.01 sec)

mysql> USE mydb;
Database changed
mysql> CREATE TABLE IF NOT EXISTS online_sales (
->     order_id INT,
->     order_date DATE,
->     amount DECIMAL(10,2),
->     product_id INT
-> );
Query OK, 0 rows affected (0.03 sec)

mysql> INSERT INTO online_sales (order_id, order_date, amount, product_id) VALUES
-> (1, '2025-01-15', 200.00, 101),
-> (2, '2025-01-20', 150.00, 102),
-> (3, '2025-02-10', 300.00, 103),
-> (4, '2025-02-25', 400.00, 101),
-> (5, '2025-03-05', 250.00, 104),
-> (6, '2025-03-18', 100.00, 105),
-> (7, '2025-04-02', 350.00, 106),
-> (8, '2025-04-20', 500.00, 107),
-> (9, '2025-05-10', 450.00, 108),
-> (10, '2025-05-25', 600.00, 109);
Query OK, 10 rows affected (0.01 sec)
Records: 10  Duplicates: 0  Warnings: 0

mysql> SELECT
->     YEAR(order_date) AS year,
->     MONTH(order_date) AS month,
->     SUM(amount) AS total_revenue,
->     COUNT(DISTINCT order_id) AS total_orders
-> FROM
->     online_sales
-> GROUP BY
->     YEAR(order_date), MONTH(order_date)
-> ORDER BY
->     year ASC, month ASC;
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+-----+-----+-----+-----+
| year | month | total_revenue | total_orders |
+-----+-----+-----+-----+
| 2025 | 1 | 350.00 | 2 |
| 2025 | 2 | 700.00 | 2 |
| 2025 | 3 | 350.00 | 2 |
| 2025 | 4 | 850.00 | 2 |
| 2025 | 5 | 1050.00 | 2 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)

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mysql> SELECT
->     YEAR(order_date) AS year,
->     MONTH(order_date) AS month,
->     SUM(amount) AS total_revenue,
->     COUNT(DISTINCT order_id) AS total_orders
-> FROM
->     online_sales
-> GROUP BY
->     YEAR(order_date), MONTH(order_date)
-> ORDER BY
->     total_revenue DESC
-> LIMIT 3;

```

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+-----+-----+-----+-----+
| year | month | total_revenue | total_orders |
+-----+-----+-----+-----+
| 2025 | 5 | 1050.00 | 2 |
| 2025 | 4 | 850.00 | 2 |
| 2025 | 2 | 700.00 | 2 |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)

```