```sql
-- Create the database
CREATE DATABASE online_sales;

-- Use the database
USE online_sales;

-- Create the orders table
CREATE TABLE orders (
    order_id INT IDENTITY(1,1) PRIMARY KEY,
    order_date DATE,
    amount DECIMAL(10, 2),
    product_id VARCHAR(10)
);

-- Insert sample data
INSERT INTO orders (order_date, amount, product_id) VALUES
('2025-04-01', 120.50, 'P001'),
('2025-04-02', 250.00, 'P002'),
('2025-04-02', 95.00,  'P003'),
('2025-04-03', 180.75, 'P001'),
('2025-04-04', 340.10, 'P004'),
('2025-04-05', 150.00, 'P002'),
('2025-04-06', 80.00,  'P005'),
('2025-04-06', 220.00, 'P001'),
('2025-04-07', 300.00, 'P003'),
('2025-04-08', 199.99, 'P004');
```

select * from orders

	order_id	order_date	amount	product_id
1	1	2025-04-01	120.50	P001
2	2	2025-04-02	250.00	P002
3	3	2025-04-02	95.00	P003
4	4	2025-04-03	180.75	P001
5	5	2025-04-04	340.10	P004
6	6	2025-04-05	150.00	P002
7	7	2025-04-06	80.00	P005
8	8	2025-04-06	220.00	P001
9	9	2025-04-07	300.00	P003
10	10	2025-04-08	199.99	P004

SELECT

   MONTH (order_date) AS order_month,
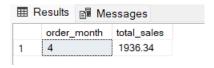
   SUM(amount) AS total_sales

FROM

   orders

GROUP BY

   MONTH (order_date)

ORDER BY

   order_month;

	order_month	total_sales
1	4	1936.34

   SELECT

   YEAR (order_date) AS order_year,

   MONTH (order_date) AS order_month,

   SUM(amount) AS total_sales

FROM

   orders

GROUP BY

   YEAR (order_date),

MONTH (order_date)

ORDER BY

order_year, order_month;

	order_year	order_month	total_sales
1	2025	4	1936.34

```
    SELECT
  FORMAT(order_date, 'yyyy-MM') AS year_month,
  SUM(amount) AS revenue
FROM
  orders
GROUP BY
  FORMAT(order_date, 'yyyy-MM')
ORDER BY
  year_month;
```

▦ Results ▤ Messages

	year_month	revenue
1	2025-04	1936.34

```
    SELECT
  FORMAT(order_date, 'yyyy-MM') AS year_month,
  SUM(amount) AS revenue,
  COUNT(DISTINCT order_id) AS volume
FROM
  orders
GROUP BY
  FORMAT(order_date, 'yyyy-MM')
ORDER BY
  year_month;
```

	year_month	revenue	volume
1	2025-04	1936.34	10

```sql
    SELECT

FORMAT(order_date, 'yyyy-MM') AS year_month,

SUM(amount) AS revenue,

COUNT(DISTINCT order_id) AS volume

FROM

orders

GROUP BY

FORMAT(order_date, 'yyyy-MM')

ORDER BY

year_month ASC;
```
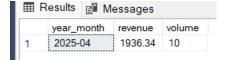
Results | **Messages**

	year_month	revenue	volume
1	2025-04	1936.34	10

```sql
    SELECT

FORMAT(order_date, 'yyyy-MM') AS year_month,

SUM(amount) AS revenue,

COUNT(DISTINCT order_id) AS volume

FROM

orders

WHERE

order_date BETWEEN '2025-04-01' AND '2025-04-30'

GROUP BY

FORMAT(order_date, 'yyyy-MM')

ORDER BY
```

year_month;

	year_month	revenue	volume
1	2025-04	1936.34	10