

```
-- Step 1: Create table
CREATE TABLE orders (
  order_id INT,
  order_date DATE,
  product_id INT,
  amount DECIMAL(10,2)
);
```

```
-- Step 2: Insert sample data (replace or extend with real rows)
INSERT INTO orders (order_id, order_date, product_id, amount) VALUES
(101, '2023-01-05', 1, 250.00),
(102, '2023-01-15', 2, 300.00),
(103, '2023-02-03', 3, 150.00),
(104, '2023-02-15', 2, 200.00),
(105, '2023-03-10', 1, 180.00),
(106, '2023-03-12', 3, 220.00),
(107, '2023-03-25', 1, 275.00),
(108, '2023-04-01', 2, 190.00);
```

```
-- Monthly Revenue & Order Volume
SELECT
  YEAR(order_date) AS year,
  MONTH(order_date) AS month,
  SUM(amount) AS total_revenue,
  COUNT(DISTINCT order_id) AS order_volume
FROM
  orders
GROUP BY
  year, month
ORDER BY
  year, month;
```

```
-- Top 3 Months by Revenue
SELECT
  YEAR(order_date) AS year,
  MONTH(order_date) AS month,
  SUM(amount) AS total_revenue
FROM
  orders
GROUP BY
  year, month
ORDER BY
  total_revenue DESC
LIMIT 3;
```