

```
sql_test5
1 use sales;
2 -- Sample orders table
3 CREATE TABLE online_sales (
4   order_id INT,
5   order_date DATE,
6   amount DECIMAL(10,2),
7   product_id INT
8 );
9
10 -- Insert example data
11 INSERT INTO online_sales VALUES
12 (1, '2024-01-15', 200.00, 101),
13 (2, '2024-01-20', 150.00, 102),
14 (3, '2024-02-05', 200.00, 101),
15 (4, '2024-02-15', 130.00, 104),
16 (5, '2024-03-01', 180.00, 101),
17 (6, '2024-03-10', 220.00, 103),
18 (7, '2024-03-15', 120.00, 105);
19
```

Output

#	Time	Action	Message	Duration / Fetch
1	20:47:00	use sales	0 row(s) affected	0.000 sec
2	20:47:10	CREATE TABLE online_sales ( order_id INT, order_date DATE, amount DECIMAL(10,2), product_id INT)	0 row(s) affected	0.063 sec
3	20:47:20	INSERT INTO online_sales VALUES (1, 2024-01-15, 100.00, 101), (2, 2024-01-20, 150.00, 102), (3, 2024-02-05, 200.00, 101), (4, 2024-02-15, 130.00, 104), (5, 2024-03-01, 180.00, 101), (6, 2024-03-10, 220.00, 103), (7, 2024-03-15, 120.00, 105);	7 row(s) affected Records: 7 Duplicates: 0 Warnings: 0	0.016 sec

```
sql_test5
14 (3, '2024-02-05', 200.00, 101),
15 (4, '2024-02-15', 130.00, 104),
16 (5, '2024-03-01', 180.00, 101),
17 (6, '2024-03-10', 220.00, 102),
18 (7, '2024-03-15', 120.00, 105);
19 -- Monthly Revenue & Sales Volume Query
20 SELECT
21   EXTRACT(YEAR FROM order_date) AS year,
22   EXTRACT(MONTH FROM order_date) AS month,
23   SUM(amount) AS total_revenue,
24   COUNT(DISTINCT order_id) AS order_volume
25 FROM online_sales
26 GROUP BY
27   EXTRACT(YEAR FROM order_date),
28   EXTRACT(MONTH FROM order_date)
29 ORDER BY year, month;
30
31 SELECT
32   EXTRACT(YEAR FROM order_date) AS year,
33   EXTRACT(MONTH FROM order_date) AS month,
34   SUM(amount) AS total_revenue,
35   COUNT(DISTINCT order_id) AS order_volume
36 FROM online_sales
37 GROUP BY
38   EXTRACT(YEAR FROM order_date),
39   EXTRACT(MONTH FROM order_date)
40 ORDER BY year, month;
```

Result Grid

year	month	total_revenue	order_volume
2024	1	250.00	2
2024	2	330.00	2
2024	3	520.00	3

Result 1 x

Read Only

#	Time	Action	Message	Duration / Fetch
1	20:47:00	use sales	0 row(s) affected	0.000 sec
2	20:47:10	CREATE TABLE online_sales ( order_id INT, order_date DATE, amount DECIMAL(10,2), product_id INT)	0 row(s) affected	0.063 sec
3	20:47:20	INSERT INTO online_sales VALUES (1, 2024-01-15, 100.00, 101), (2, 2024-01-20, 150.00, 102), (3, 2024-02-05, 200.00, 101), (4, 2024-02-15, 130.00, 104), (5, 2024-03-01, 180.00, 101), (6, 2024-03-10, 220.00, 103), (7, 2024-03-15, 120.00, 105);	7 row(s) affected Records: 7 Duplicates: 0 Warnings: 0	0.016 sec
4	20:48:53	SELECT EXTRACT(YEAR FROM order_date) AS year, EXTRACT(MONTH FROM order_date) AS month, SUM(amount) AS total_revenue, COUNT(DISTINCT order_id) AS order_volume FROM online_sales GROUP BY EXTRACT(YEAR FROM order_date), EXTRACT(MONTH FROM order_date) ORDER BY year, month;	3 row(s) returned	0.000 sec / 0.000 sec

```
sql_test5
26 GROUP BY
27   EXTRACT(YEAR FROM order_date),
28   EXTRACT(MONTH FROM order_date)
29 ORDER BY year, month;
30
31 SELECT
32   EXTRACT(YEAR FROM order_date) AS year,
33   EXTRACT(MONTH FROM order_date) AS month,
34   SUM(amount) AS total_revenue,
35   COUNT(DISTINCT order_id) AS order_volume
36 FROM online_sales
37 GROUP BY
38   EXTRACT(YEAR FROM order_date),
39   EXTRACT(MONTH FROM order_date)
40 ORDER BY year, month;
```

Result Grid

year	month	total_revenue	order_volume
2024	3	520.00	3
2024	2	330.00	2
2024	1	250.00	2

Result 2 x

Read Only

#	Time	Action	Message	Duration / Fetch
1	20:47:00	use sales	0 row(s) affected	0.000 sec
2	20:47:10	CREATE TABLE online_sales ( order_id INT, order_date DATE, amount DECIMAL(10,2), product_id INT)	0 row(s) affected	0.063 sec
3	20:47:20	INSERT INTO online_sales VALUES (1, 2024-01-15, 100.00, 101), (2, 2024-01-20, 150.00, 102), (3, 2024-02-05, 200.00, 101), (4, 2024-02-15, 130.00, 104), (5, 2024-03-01, 180.00, 101), (6, 2024-03-10, 220.00, 103), (7, 2024-03-15, 120.00, 105);	7 row(s) affected Records: 7 Duplicates: 0 Warnings: 0	0.016 sec
4	20:48:53	SELECT EXTRACT(YEAR FROM order_date) AS year, EXTRACT(MONTH FROM order_date) AS month, SUM(amount) AS total_revenue, COUNT(DISTINCT order_id) AS order_volume FROM online_sales GROUP BY EXTRACT(YEAR FROM order_date), EXTRACT(MONTH FROM order_date) ORDER BY year, month;	3 row(s) returned	0.000 sec / 0.000 sec
5	20:55:39	SELECT EXTRACT(YEAR FROM order_date) AS year, EXTRACT(MONTH FROM order_date) AS month, SUM(amount) AS total_revenue, COUNT(DISTINCT order_id) AS order_volume FROM online_sales GROUP BY EXTRACT(YEAR FROM order_date), EXTRACT(MONTH FROM order_date) ORDER BY year, month;	3 row(s) returned	5 sec / 0.000 sec