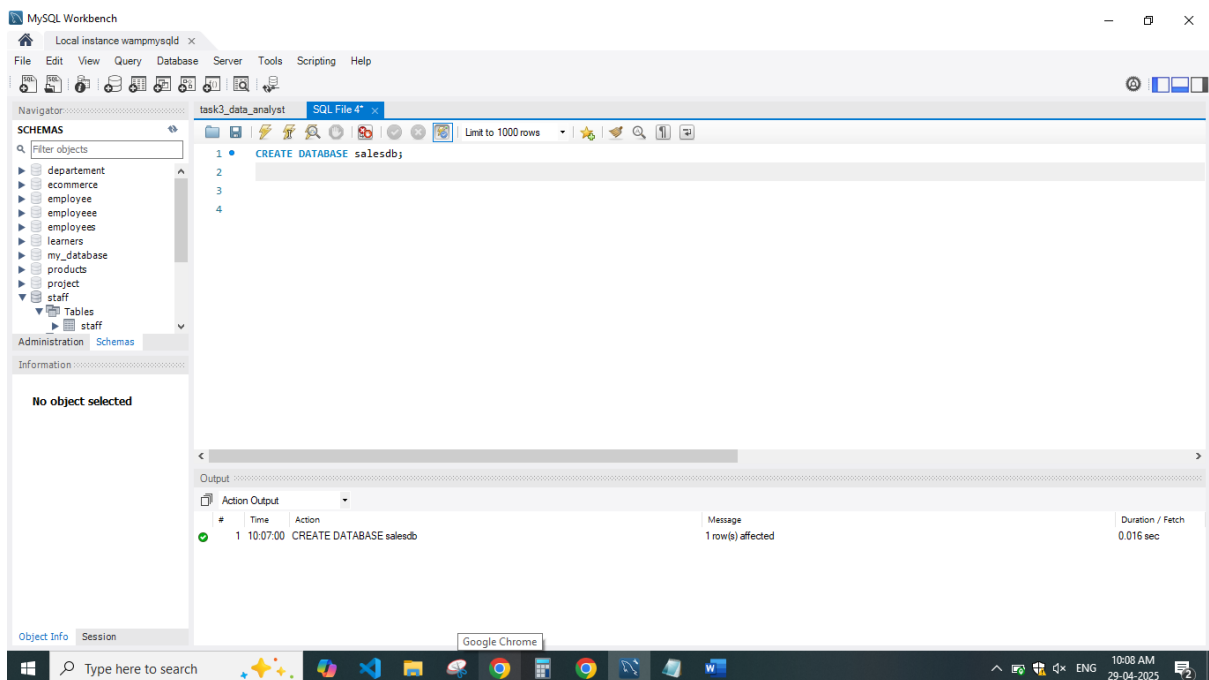
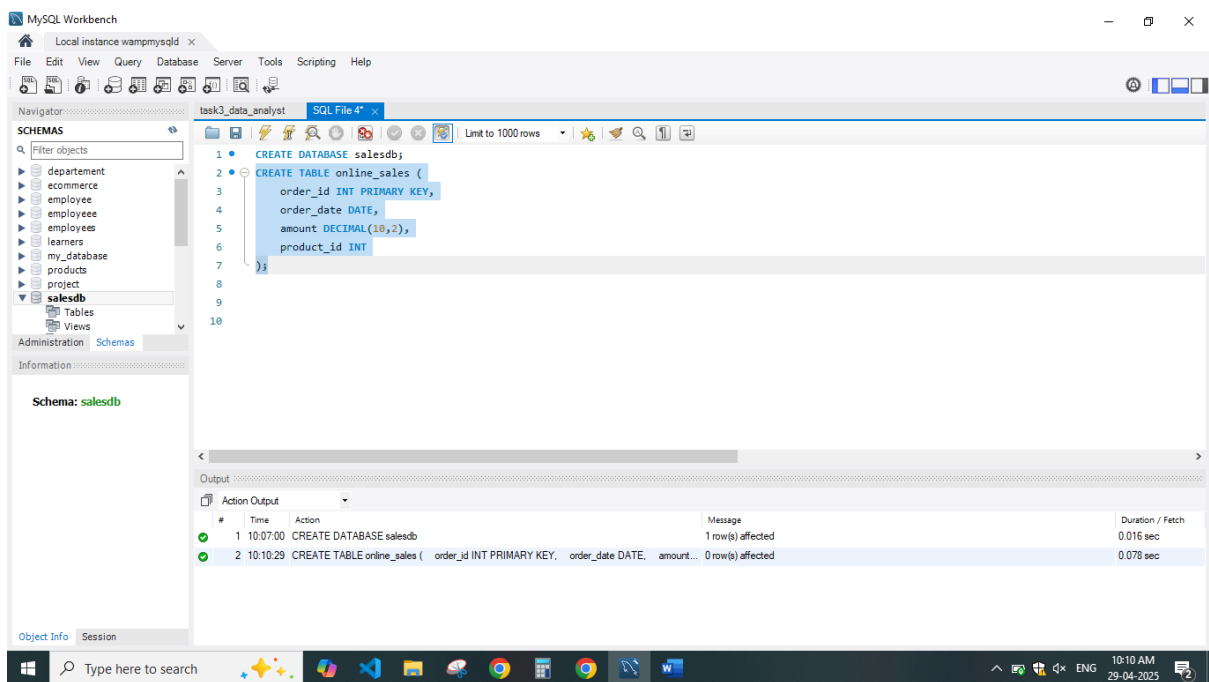


Create a database



Create a table named online_sales



Insert sample records into online_sales

MySQL Workbench

Local instance wampmysqld x

File Edit View Query Database Server Tools Scripting Help

Navigator: task3_data_analyst SQL File 4

Limit to 1000 rows

```

5  amount DECIMAL(10,2),
6  product_id INT
7  );
8  INSERT INTO online_sales (order_id, order_date, amount, product_id) VALUES
9  (1, '2024-01-05', 200.00, 101),
10 (2, '2024-01-15', 150.00, 102),
11 (3, '2024-02-10', 300.00, 103),
12 (4, '2024-02-20', 250.00, 104),
13 (5, '2024-03-01', 400.00, 105),
14 (6, '2024-03-15', 500.00, 106),
15 (7, '2024-04-05', 600.00, 107),
16 (8, '2024-04-10', 450.00, 108),
17 (9, '2024-05-01', 700.00, 109),
18 (10, '2024-05-20', 800.00, 110);
19
20

```

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|---|----------|---|--|------------------|
| 1 | 10:07:00 | CREATE DATABASE salesdb | 1 row(s) affected | 0.016 sec |
| 2 | 10:10:29 | CREATE TABLE online_sales (order_id INT PRIMARY KEY, order_date DATE, amount... | 0 row(s) affected | 0.078 sec |
| 3 | 10:15:23 | INSERT INTO online_sales (order_id, order_date, amount, product_id) VALUES (1, '2024-01-05... | 10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0 | 0.031 sec |

Object Info Session

Schema: salesdb

10:15 AM 29-04-2025

Analyze monthly revenue and order volume

MySQL Workbench

Local instance wampmysqld x

File Edit View Query Database Server Tools Scripting Help

Navigator: task3_data_analyst task6_data_analyst

Limit to 1000 rows

```

28  order_date BETWEEN '2024-01-01' AND '2024-05-31'
29  GROUP BY
30  EXTRACT(YEAR FROM order_date),
31  EXTRACT(MONTH FROM order_date)
32  ORDER BY
33  order_year,
34  order_month;

```

Result Grid

| order_year | order_month | total_revenue | total_orders |
|------------|-------------|---------------|--------------|
| 2024 | 1 | 350.00 | 2 |
| 2024 | 2 | 550.00 | 2 |
| 2024 | 3 | 900.00 | 2 |
| 2024 | 4 | 1050.00 | 2 |
| 2024 | 5 | 1500.00 | 2 |

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|---|----------|--|--|-----------------------|
| 1 | 10:41:35 | CREATE DATABASE salesdb | 1 row(s) affected | 0.031 sec |
| 2 | 10:41:42 | CREATE TABLE online_sales (order_id INT PRIMARY KEY, order_date DATE, amou... | 0 row(s) affected | 0.047 sec |
| 3 | 10:41:45 | INSERT INTO online_sales (order_id, order_date, amount, product_id) VALUES (1, '2024-01-0... | 10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0 | 0.031 sec |
| 4 | 10:41:50 | SELECT EXTRACT(YEAR FROM order_date) AS order_year, EXTRACT(MONTH FRO... | 5 row(s) returned | 0.000 sec / 0.000 sec |

Object Info Session

Schema: salesdb

10:42 AM 29-04-2025