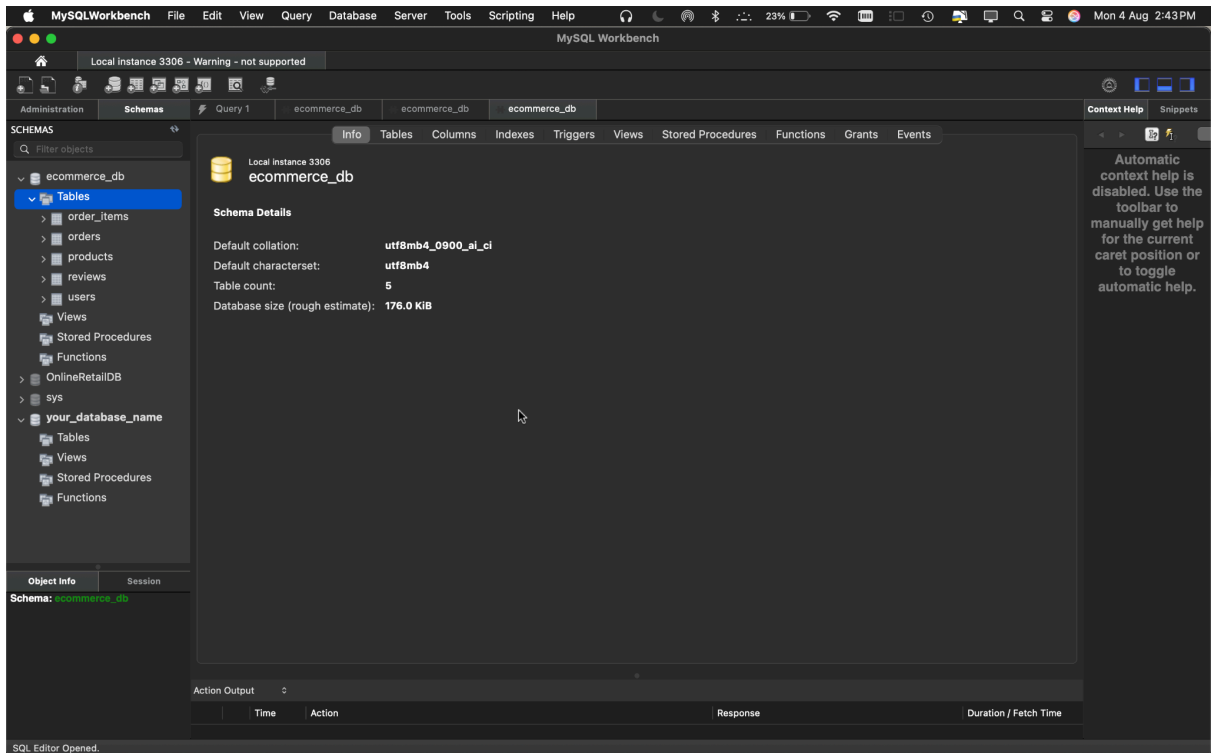


```
level1_ecommerce_schema_mysql.py - DMO-PRACTICAL - Modified
level1_ecommerce_schema_mysql.py
1 # Connect to MySQL
2 conn = mysql.connector.connect(
3     host="localhost",
4     user="root",
5     password="11111111",
6     database="ecommerce_db"
7 )
8 cursor = conn.cursor()
9 # Create users table
10 cursor.execute("""
11 CREATE TABLE IF NOT EXISTS users (
12     user_id INT AUTO_INCREMENT PRIMARY KEY,
13     name VARCHAR(255) NOT NULL,
14     email VARCHAR(255) UNIQUE NOT NULL
15 )
16 """)
17 # Create products table
18 cursor.execute("""
19 CREATE TABLE IF NOT EXISTS products (
20     product_id INT AUTO_INCREMENT PRIMARY KEY,
21     name VARCHAR(255) NOT NULL,
22     price DECIMAL(10, 2) NOT NULL
23 )
24 """)
25 # Create orders table
26 cursor.execute("""
27 CREATE TABLE IF NOT EXISTS orders (
28     order_id INT AUTO_INCREMENT PRIMARY KEY,
29     user_id INT,
30     order_date DATETIME DEFAULT CURRENT_TIMESTAMP,
31     FOREIGN KEY(user_id) REFERENCES users(user_id)
32 )
33 """)
34 # Create order_items table
35 cursor.execute("""
36 CREATE TABLE IF NOT EXISTS order_items (
37     id INT AUTO_INCREMENT PRIMARY KEY,
38     order_id INT,
39     product_id INT,
40     quantity INT NOT NULL,
41     price DECIMAL(10, 2) NOT NULL,
42     FOREIGN KEY(order_id) REFERENCES orders(order_id),
43     FOREIGN KEY(product_id) REFERENCES products(product_id)
44 )
45 """)
46 # Create reviews table
47 cursor.execute("""
48 CREATE TABLE IF NOT EXISTS reviews (
49     review_id INT AUTO_INCREMENT PRIMARY KEY,
50     product_id INT,
51     user_id INT,
52     review_text TEXT,
53     rating INT,
54     FOREIGN KEY(product_id) REFERENCES products(product_id),
55     FOREIGN KEY(user_id) REFERENCES users(user_id)
56 )
57 """)
```



```
Terminal Shell Edit View Window Help
amitprajapati - mysql -u root -p - mysql -u root -p - 238x58
nano ~/alembic.ini... mysql
-> (3, 4, 4, 'Looks stylish and works well.');
```

Query OK, 4 rows affected (0.004 sec)  
Records: 4 Duplicates: 0 Warnings: 0

```
mysql> SELECT * FROM users;
```

user_id	name	email
1	Amit Prajapati	amit@example.com
2	Ravi Kumar	ravi@example.com
3	Sneha Sharma	sneha@example.com

3 rows in set (0.000 sec)

```
mysql> SELECT * FROM products;
```

product_id	name	price
1	iPhone 15	999.99
2	Latest Dell XPS	1199.00
3	Bluetooth Headphones	149.50
4	Smartwatch	299.99

4 rows in set (0.000 sec)

```
mysql> SELECT * FROM orders;
```

order_id	user_id	order_date
1	1	2025-08-04 14:38:15
2	2	2025-08-04 14:38:15
3	1	2025-08-04 14:38:15

3 rows in set (0.000 sec)

```
mysql> SELECT * FROM order_items;
```

id	order_id	product_id	quantity	price
1	1	1	1	999.99
2	1	3	2	149.50
3	2	2	1	1199.00
4	3	4	1	299.99

4 rows in set (0.000 sec)

```
mysql> SELECT * FROM reviews;
```

review_id	user_id	product_id	rating	comment
1	1	1	5	Fantastic phone!
2	2	2	4	Solid performance, great screen.
3	1	3	3	Good sound but a bit light.
4	3	4	4	Looks stylish and works well.

4 rows in set (0.000 sec)

```
mysql>
```