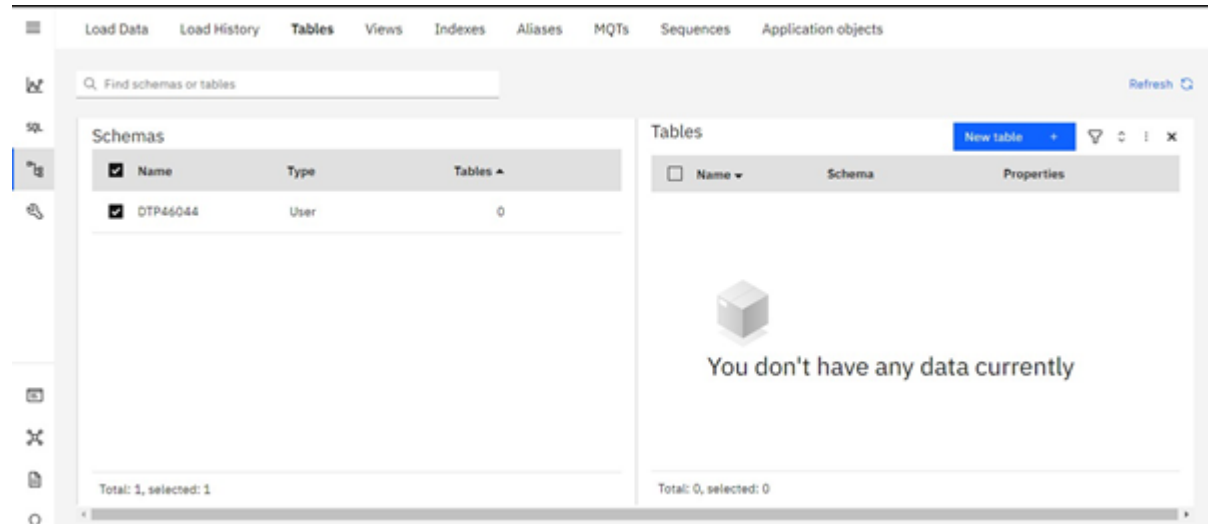


Create DB2 and connect python

Date	17 November 2022
Team ID	PNT2022TMID48654
Project Name	Smart Fashion Recommender Application

CREATING IBM DB2



CONNECT WITH PYTHON CODE

```

1
2 from flask import Flask, render_template, request, session
3 import bcrypt
4 import ibm_db
5
6 # conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=21fecfde-47b7-4b37-84de-d791d023800d.bs21w001m0kgh1ud8lpg.databases.appdomain.cloud;PORT=32731;U
7 app = Flask(__name__)
8 conn = ibm_db.connect(
9     "DATABASE=bludb;HOSTNAME=fbdb8901-ebdb-4a4f-a12e-9822b9fb237b.ctogj3sd9tgu0lqde00.databases.appdomain.cloud;PORT=32731;USERNAME=dtp46044;PAS
10
11
12 @app.route("/")
13 def home():
14     return render_template("editportfolio.html")
15
16
17 @app.route("/signup", methods=['GET', 'POST'])
18 def signup():
19     if request.method == 'POST':
20         email = request.form['Email Address']
21         password = request.form['Password']
22         password = request.form['Confirm Password']
23         if not email or not password:
24             return render_template("home.html")
25         hash = bcrypt.hashpw(password.encode('utf-8'), bcrypt.gensalt())
26         query = "SELECT * FROM USERS WHERE email=? OR password=?"
27         stmt = ibm_db.prepare(conn, query)
28         ibm_db.bind_param(stmt, 1, email)
29         ibm_db.bind_param(stmt, 2, password)
30         ibm_db.execute(stmt)
31         isUser = ibm_db.fetch_assoc(stmt)
32
33         if not isUser:
34             # Insert new user
35             query = "INSERT INTO USERS (email, password) VALUES (?, ?)"
36             stmt = ibm_db.prepare(conn, query)
37             ibm_db.bind_param(stmt, 1, email)
38             ibm_db.bind_param(stmt, 2, hash)
39             ibm_db.execute(stmt)
40
41             # Redirect to home page
42             return render_template("home.html")
43         else:
44             # User already exists
45             return render_template("home.html")
46
47 if __name__ == '__main__':
48     app.run(debug=True)

```