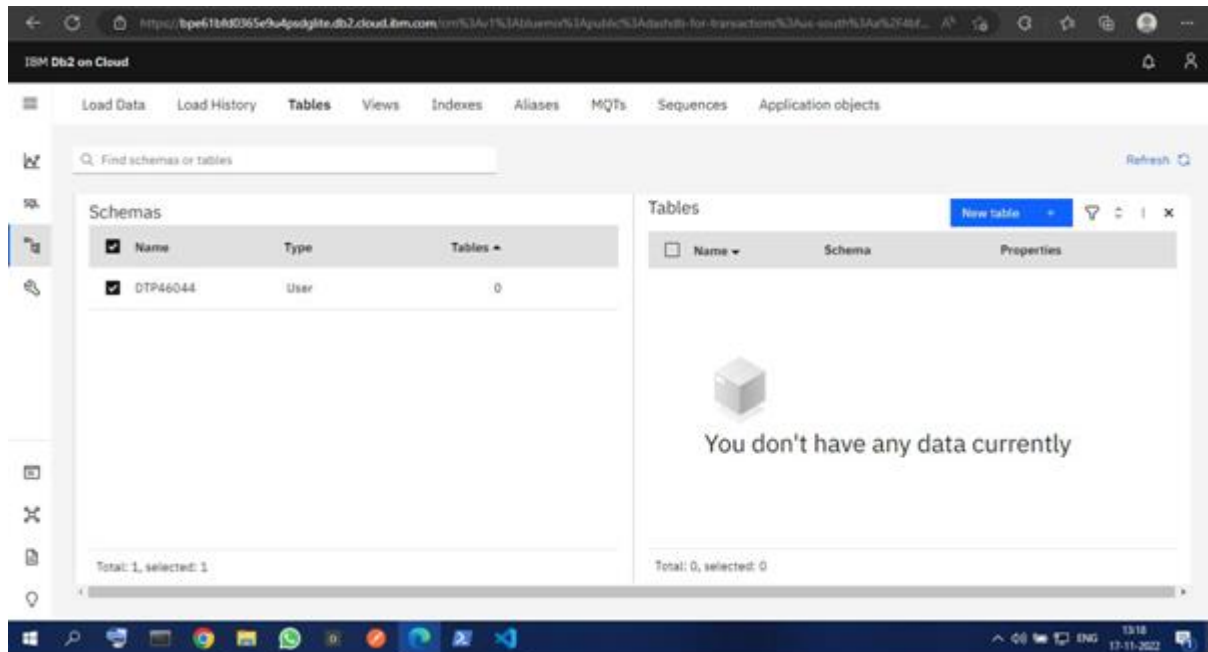


## Create DB2 and connect python

Team ID	PNT2022TMID11712
Project Name	Smart Fashion Recommender Application

### CREATING IBM DB2



### CONNECT WITH PYTHON CODE

```

File Edit Selection View Go Run Terminal Help
app.py - flaskProject1 - Visual Studio Code

app.py
1
2 from flask import Flask, render_template, request, session
3 import bcrypt
4 import ibm_db
5 # conn = ibm_db.connect("DATABASE=buLdb;HOSTNAME=21fecfd8-47b7-4937-840d-d791d0218660.bs2io90l08kq1od8Lcg.databases.appdomain.cloud;PORT=31864;U
6 app = Flask(__name__)
7 conn = ibm_db.connect(
8     "DATABASE=buLdb;HOSTNAME=fbd88901-ebdb-4a4f-a32e-9822b9fb237b.c1ogj3sd0tgu0lqde00.databases.appdomain.cloud;PORT=32731;USERNAME=dt46044;PAS
9
10
11 @app.route("/")
12 def home():
13     return render_template('editportfolio.html')
14
15
16 @app.route("/signup", methods=['GET', 'POST'])
17 def signup():
18     if request.method == 'POST':
19         email = request.form['Email Address']
20         password = request.form['Password']
21         password = request.form['Confirm Password']
22         if not email or not password:
23             return render_template('home.html')
24         hash = bcrypt.hashpw(password.encode('utf-8'), bcrypt.gensalt())
25         query = "SELECT * FROM USERS WHERE email=? OR password=?"
26         stmt = ibm_db.prepare(conn, query)
27         ibm_db.bind_param(stmt, 1, email)
28         ibm_db.bind_param(stmt, 2, password)
29         ibm_db.execute(stmt)
30         isUser = ibm_db.fetch_assoc(stmt)
31
32         if not isUser:
33             insert_stmt = "INSERT INTO Users (email, password) VALUES (?, ?)"

```