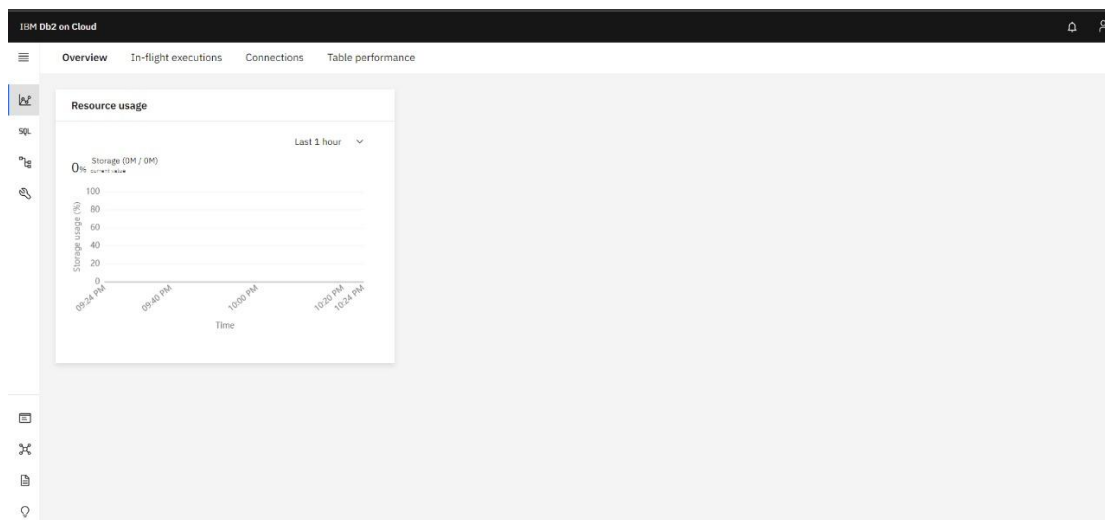


IMPLEMENTING WEB APPLICATION

Create IBM DB2 And Connect With Python:



```
File Edit Selection View Go Run Terminal Help main.py - IBM project - Visual Studio Code

EXPLORER
  IBM PR...
  cloud_try1
  cloud_try2
  Database_try1
  Database_try2
  > flask-with-ibm-db2-m...
  > flask-with-ibm-db2-m...
  > form
  > form_testing
  > Main_project
    static
    # login.css
    # reg_form.css
    templates
    login.html
    reg_form.html
  main.py
  > practice
  > sendGrid
  > UserRegistration
  cloud_connect

main.py
1 from flask import Flask, render_template, request, redirect, url_for, session
2 import ibm_db
3
4 app = Flask(__name__)
5
6 hostname = "ec77def2-5da9-48a9-81f8-86b520b87518.bs2io9el00kqhiodilcg.databases.appdomain.cloud"
7 uid = "hdv78832"
8 pwd = "RupG6K01EsaVINGT"
9 driver = "IBM DB2 ODBC DRIVER"
10 db = "bludh"
11 port = "31198"
12 protocol = "TCP/IP"
13 cert = "DigiCertGlobalRootCA.crt"
14 dsn = {
15     "DATABASE={0};"
16     "HOSTNAME={1};"
17     "PORT={2};"
18     "UID={3};"
19     "SECURITY=SSL;"
20     "SSLServerCertificate={4};"
21     "PWD={5};"
22 }.format(db, hostname, port, uid, cert, pwd)
23 print(dsn)
24 conn = ibm_db.connect(dsn, "", "")
25
26 @app.route('/')
27 def first():
28     return render_template("reg_form.html")
29
30 @app.route('/login', methods = ['POST', 'GET'])
31 def sec():
32     if request.method == 'POST':
33         name = request.form['name']
34         address = request.form['address']
35         city = request.form['city']
36         pin = request.form['pin']
37
```