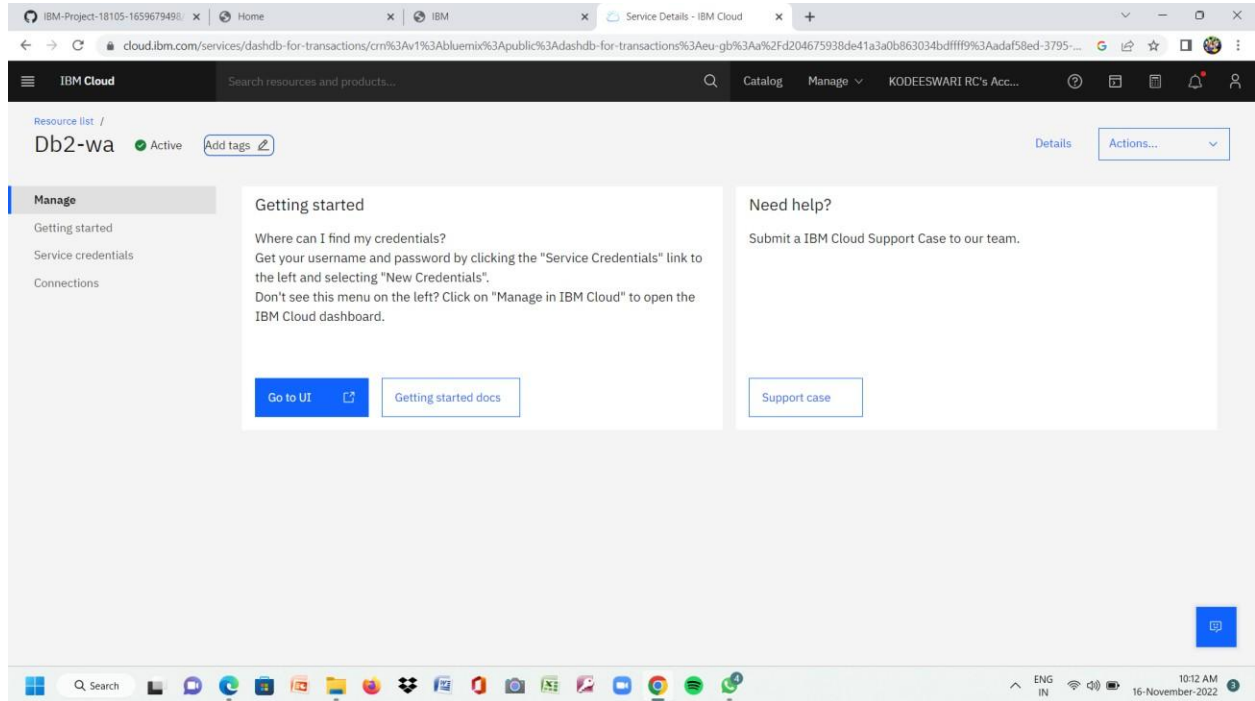


Create IBM DB2 And Connect With Python

Team id	PNT2022TMID52335
Project Name	Containment Zone Alerting Application



The image shows a Visual Studio Code editor window with a Python file named `app.py`. The code is a Flask web application that connects to a database and serves a template. The terminal output shows the application running successfully on `http://127.0.0.1:8080`.

```
1 from flask import Flask, render_template, request, redirect, url_for, session
2 from markupsafe import escape
3
4
5
6 app = Flask(__name__)
7
8 import ibm_db
9
10 hostname = "21fecfd8-47b7-4937-840d-d791d0218660.bs2io90l08kqb1od8lsg.databases.appdomain.cloud"
11 uid = "qks09318"
12 pwd = "J2P1aXX0uxW68kV"
13 driver = "(IBM DB2 ODBC DRIVER)"
14 db = "bludb"
15 port = "31864"
16 protocol = "TCP/IP"
17 cert = "certificate.crt"
18
19 dsn = (
20     "DATABASE={};".format(hostname)
21 )
22
23 if __name__ == "__main__":
24     run(app)
```

Run: `app`

```
C:\Users\rckod\anaconda3\python.exe "E:\sprint 1\app.py"
DATABASE=bludb;HOSTNAME=21fecfd8-47b7-4937-840d-d791d0218660.bs2io90l08kqb1od8lsg.databases.appdomain.cloud;PORT=31864;UID=qks09318;SECURITY=SSL;SSLServerCertificate=certificate.
Success Connected to data base
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:8080
* Running on http://192.168.43.73:8080
Press CTRL+C to quit
```

The image shows a web browser window displaying a 'Sign up' form. The form has a purple background and contains the following fields:

- Your Name**:
- Your Email**:
- Mobile Number**:
- Password**:
- Repeat your password**:

Below the fields, there is a checkbox labeled ☒ I agree all statements in [Terms of service](#).

The screenshot shows the IBM Db2 on Cloud console. On the left, the 'Data objects' tab is active, showing a list of objects including 'QKS09318'. The main area is titled '*Untitled - 1' and contains a SQL editor with the following query:

```
INSERT INTO user (username, email, password) VALUES ('Kodi', 'Kodi100@gmail.com', 'Kodi123');
```

Below the editor, the 'History' section displays a table of execution records:

Script	Date	Status	Runtime
Untitled - 1	Nov 16, 2022 10:13:30 AM	✓ 1	0.014 s
INSERT INTO user (username, email, password) VALUES ('Kodi', 'Kodi100@gmail...		✓	0.014 s

The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 10:13 AM on 16-November-2022.