

## Create IBM DB2 And Connect with python

Team ID	PNT2022TMID13325
Project Name	Containment zone alerting application

### IBM DB2

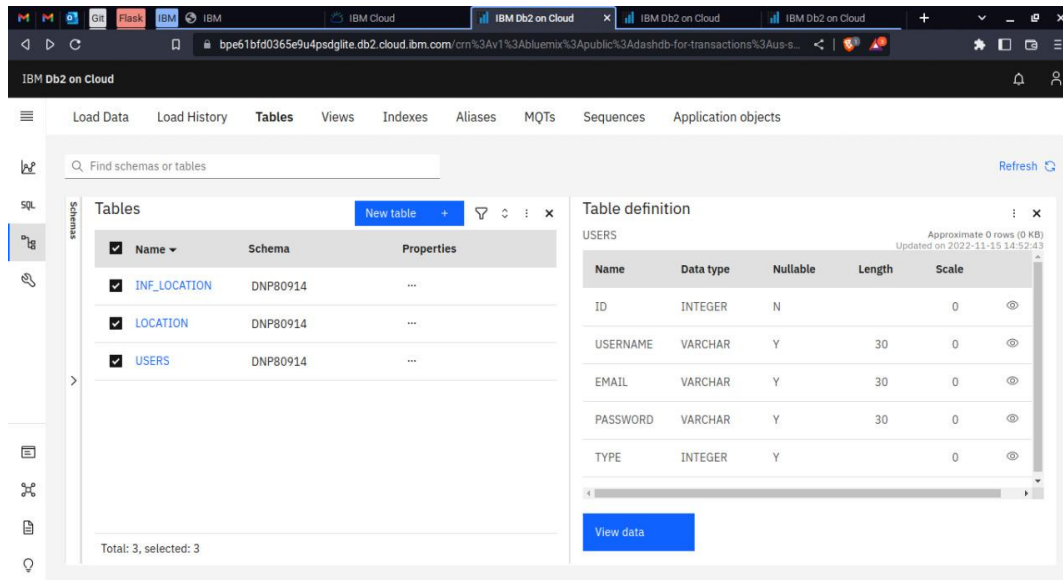
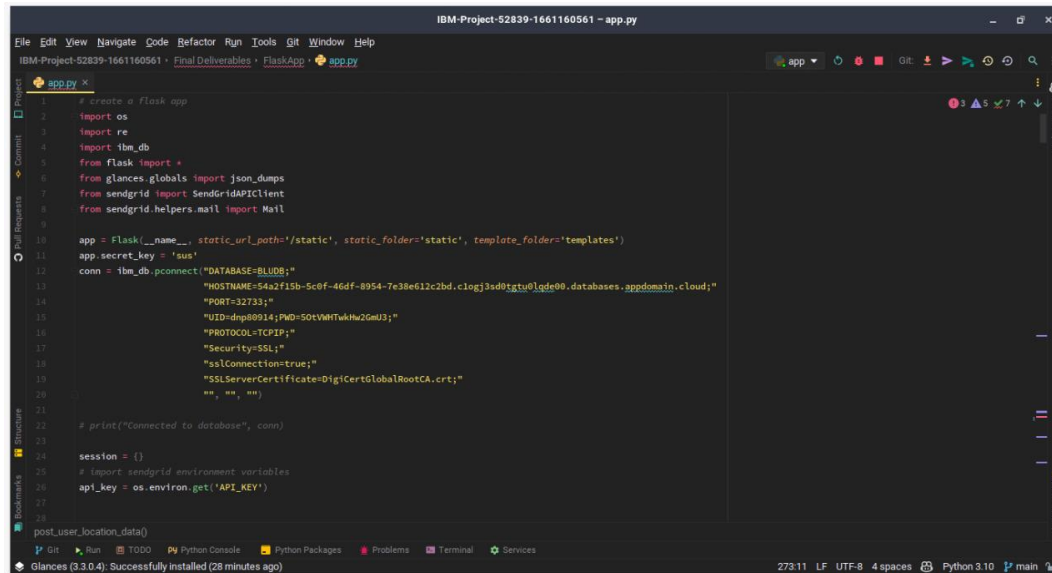


fig: This above pic represent we can create an IBM DB2 successfully

## Code to connect ibm cloud connect with python



```
IBM-Project-52839-1661160561 - app.py
File Edit View Navigate Code Refactor Run Tools Git Window Help
IBM-Project-52839-1661160561 - Final Deliverables - FlaskApp - app.py
app.py x
1 # create a flask app
2 import os
3 import re
4 import ibm_db
5 from flask import *
6 from glances.globals import json_dumps
7 from sendgrid import SendGridAPIClient
8 from sendgrid.helpers.mail import Mail
9
10 app = Flask(__name__, static_url_path="/static", static_folder="static", template_folder="templates")
11 app.secret_key = 'sus'
12 conn = ibm_db.pconnect("DATABASE=BLUDB;"
13                       "HOSTNAME=54a2f15b-5c0f-46df-8954-7e38e61c2bd.clogj3s0tgu0lqde00.databases.appdomain.cloud;"
14                       "PORT=32733;"
15                       "UID=dnp08914;PWD=S0tVnHTwHw2GmJ3;"
16                       "PROTOCOL=TCP;"
17                       "Security=SSL;"
18                       "sslConnection=true;"
19                       "SSLServerCertificate=DigiCertGlobalRootCA.crt;"
20                       "", "", "")
21
22 # print("Connected to database", conn)
23
24 session = {}
25 # import sendgrid environment variables
26 api_key = os.environ.get('API_KEY')
27
28 post_user_location_data()
```

Glances (3.3.0.4): Successfully installed (28 minutes ago) 273:11 LF UTF-8 4 spaces Python 3.10 main

fig:This above pic represent code to connect ibm cloud connect with python