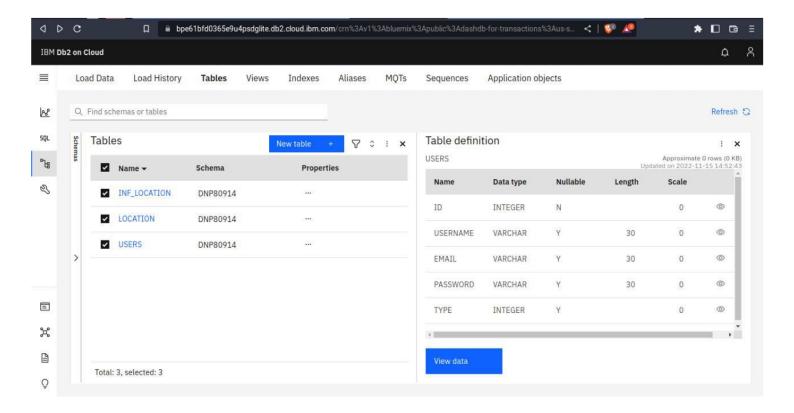# Create IBM DB2 and Connect With Python

Team ID	PNT2022TMID35229
Project Name	CONTAINMENT ZONE ALERTING

IBM DB2

The above picture denotes the successful creation of database in the IBM DB2

Code to connect IBM Cloud with Python

```python
# create a flask app
import os
import re
import ibm_db
import requests
from flask import *
from glances.globals import json_dumps
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail

app = Flask(__name__, static_url_path='/static', static_folder='static', template_folder='templates')
app.secret_key = 'sus'
conn = ibm_db.pconnect("DATABASE=BLUDB;"
                       "HOSTNAME=54a2f15b-5c0f-46df-8954-7e38e612c2bd.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;"
                       "PORT=32733;"
                       "UID=dnp80914;PWD=5OtVWHTwkHw2GmU3;"
                       "PROTOCOL=TCPIP;"
                       "Security=SSL;"
                       "sslConnection=true;"
                       "SSLServerCertificate=DigiCertGlobalRootCA.crt;"
                       "", "", "")

# print("Connected to database", conn)
```

Cloud to connect IBM Cloud connect with python