

## Create IBMDB2 And Connect With Python

Date	12 November 2022
Team ID	PNT2022TMID53656
Project Name	NUTRITION ASSISTANT APPLICATION

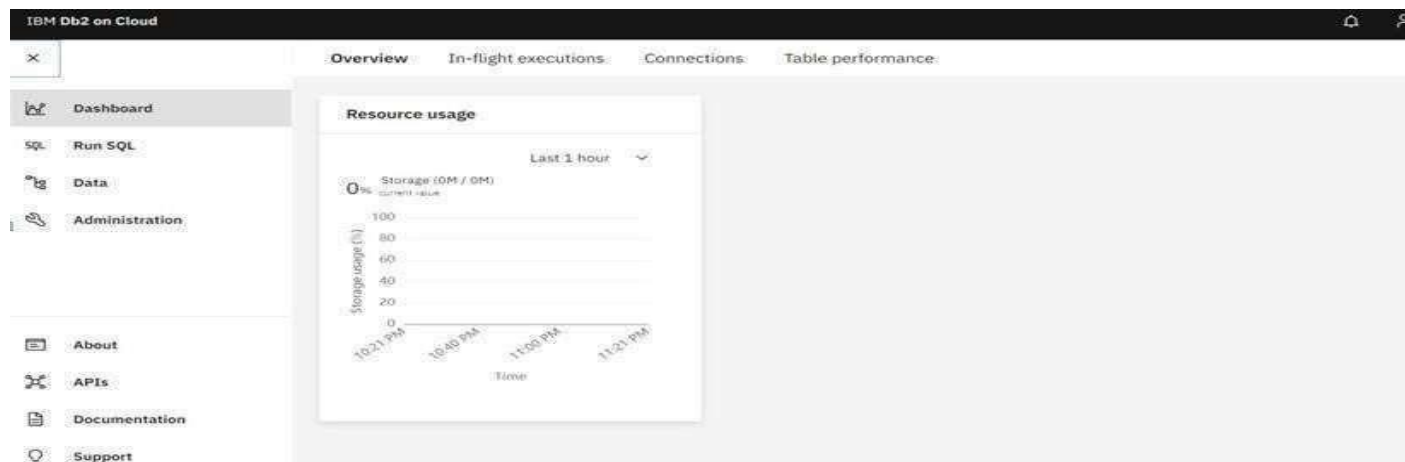
### IBMDB2:

```
from flask import Flask, render_template, request, redirect, url_for, session
import ibm_db
import re

app = Flask(__name__)

hostname = '19af6446-6171-4641-8aba-9dcff8e1b6ff.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud'
uid = 'sfr69790'
pwd = 'VFRS0bFKFelhMbcq'
driver = "{IBM DB2 ODBC DRIVER}"
db_name = 'Bludb'
port = '30699'
protocol = 'TCPIP'
cert = "C:/Users/vignesh p/Desktop/IBM/TEST/certi.crt"
dsn = (
    "DATABASE={0};"
    "HOSTNAME={1};"
    "PORT={2};"
    "UID={3};"
    "SECURITY=SSL;"
    "PROTOCOL={4};"
    "PWD={6};"
).format(db_name, hostname, port, uid, protocol, cert, pwd)
```

```
connection = ibm_db.connect(dsn, "", "")
print()
# query = "SELECT username FROM USER1 WHERE username=?"
# stmt = ibm_db.prepare(connection, query)
# ibm_db.bind_param(stmt, 1, username)
# ibm_db.execute(stmt)
# username = ibm_db.fetch_assoc(stmt)
# print(username)
app.secret_key = 'a'
```



DB2withpython:

```
C:\Windows\System32\cmd.exe
(c) Microsoft Corporation. All rights reserved.
C:\Users\Admin\Documents\IBM\module4>cd flask-with-ibm-db2
C:\Users\Admin\Documents\IBM\module4\flask-with-ibm-db2>cd flask-with-ibm-db2
<ibm_db.IBM_DBConnection object at 0x000000242111142570>
connection successful.....

C:\Users\Admin\Documents\IBM\module4\flask-with-ibm-db2>
C:\Users\Admin\Documents\IBM\module4\flask-with-ibm-db2>
```