

Create IBM DB2 and Connect with Python

Date	19 September 2022
Team ID	PNT2022TMID25536
Project Name	Personal Expense Tracker Application

I) Create IBM DB2

Service Details - IBM Cloud

cloud.ibm.com/services/dashdb-for-transactions/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aus-south%3Aa%2F8d2b20aec...

IBM Cloud

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Db2-7n Active Add tags

Manage

- Getting started
- Service credentials
- Connections

Getting started

Where can I find my credentials?
Get your username and password by clicking the "Service Credentials" link to the left and selecting "New Credentials".
Don't see this menu on the left? Click on "Manage in IBM Cloud" to open the IBM Cloud dashboard.

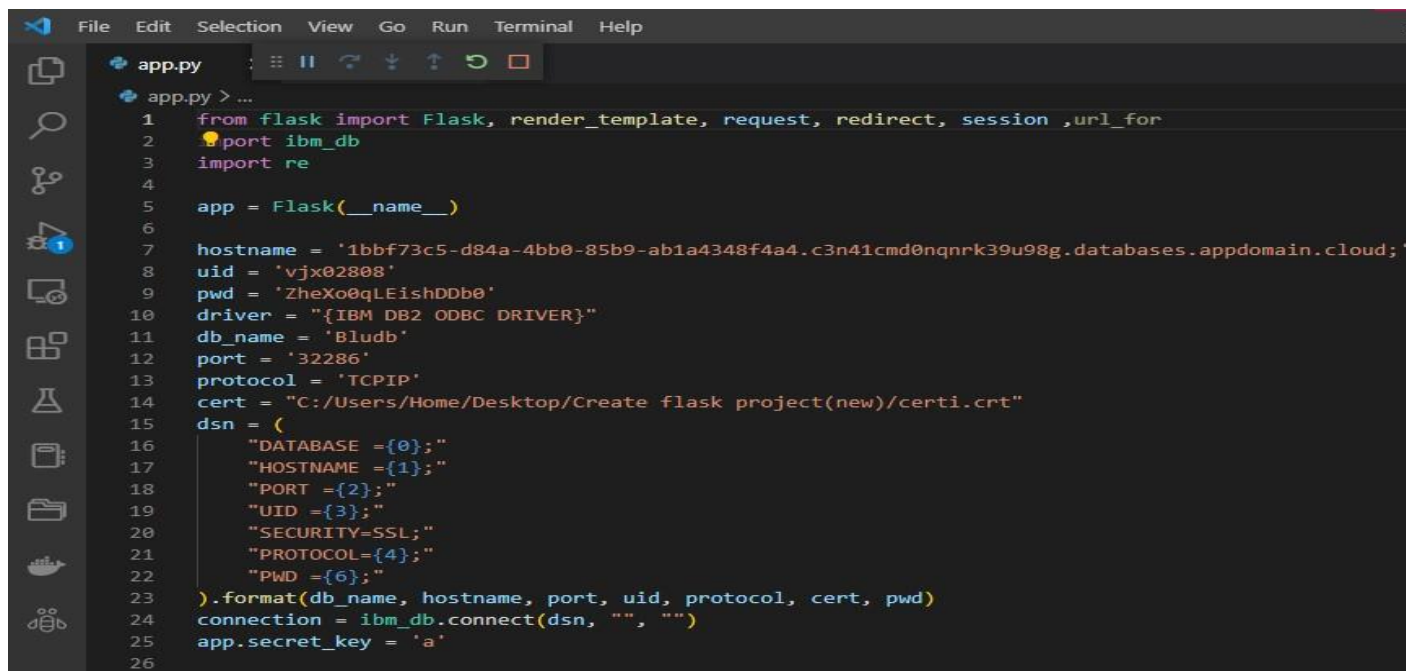
[Go to UI](#) [Getting started docs](#)

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II) Connect with Python:



```
File Edit Selection View Go Run Terminal Help
app.py
app.py > ...
1 from flask import Flask, render_template, request, redirect, session, url_for
2 import ibm_db
3 import re
4
5 app = Flask(__name__)
6
7 hostname = '1bbf73c5-d84a-4bb0-85b9-ab1a4348f4a4.c3n41cmd0nqn timerk39u98g.databases.appdomain.cloud;'
8 uid = 'vjx02808'
9 pwd = 'ZheXo0qLEishDDb0'
10 driver = "{IBM DB2 ODBC DRIVER}"
11 db_name = 'Bludb'
12 port = '32286'
13 protocol = 'TCPIP'
14 cert = "C:/Users/Home/Desktop/Create flask project(new)/certi.crt"
15 dsn = {
16     "DATABASE = {0};"
17     "HOSTNAME = {1};"
18     "PORT = {2};"
19     "UID = {3};"
20     "SECURITY=SSL;"
21     "PROTOCOL={4};"
22     "PWD = {6};"
23 }.format(db_name, hostname, port, uid, protocol, cert, pwd)
24 connection = ibm_db.connect(dsn, "", "")
25 app.secret_key = 'a'
26
```