CREATE IBM DB2 AND CONNECT WITH PYTHON

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Resource list /

Db2-1o ● Active Add tags ✎

Details Actions... ⌄

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

Need help?

Submit a IBM Cloud Support Case to our team.

Support case

CREATE IBM DB2 AND CONNECT WITH PYTHON

IBM **Db2 on Cloud**

Overview   In-flight executions   Connections   Table performance

Resource usage

Last 1 hour ⌄

Storage (0M / 0M)
0% current usage
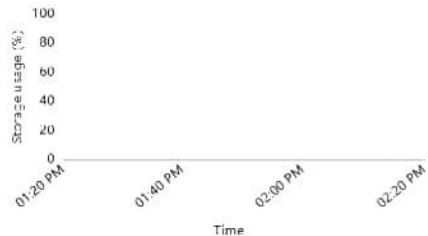
Run file (F5)

temp.py   dbconnect.py

```python
import ibm_db

dsn_hostname="b0aebb68-94fa-46ec-a1fc-1c999edb6187.c3n41cmd0nqnrk39u98g.databases.app
dsn_uid="ptj61000"
dsn_pwd="mK1iGb6QWUEsiZQ7"
dsn_driver="{IBM DB2 ODBC DRIVER}"
dsn_db="bludb"
dsn_port="31249"
dsn_protocol="TCPIP"
dsn_cert="Certificate.crt"

dsn=(
    "DATABASE={0};"
    "HOSTNAME={1};"
    "PORT={2};"
    "UID={3};"
    "SECURITY=SSL;"
    "SSLServerCertificste={4};"
    "PWD={5};"
    ).format(dsn_db,dsn_hostname,dsn_port,dsn_uid,dsn_cert,dsn_pwd)
print(dsn)

try:
    ibm_db = ibm_db.connect(dsn,"","")
    print("success")
except:
    print("Unable to connect",ibm_db.conn_errormsg())
```

Source   Console   Object

Usage

Here you can get help of any object by pressing Ctrl+I in front of it, either on the Editor or the Console.

Help can also be shown automatically after writing a left parenthesis next to an object. You can activate this behavior in *Preferences > Help*.

New to Spyder? Read our tutorial

Help Variable Explorer Plots Files

Console 1/A

```
Python 3.9.12 (main, Apr  4 2022, 05:23:19) [MSC v.1916 32 bit (Intel)]
Type "copyright", "credits" or "license" for more information.

IPython 8.2.0 -- An enhanced Interactive Python.

In [1]: runfile('C:/IBM/dbconnect.py', wdir='C:/IBM')
DATABASE=bludb;HOSTNAME=b0aebb68-94fa-46ec-
a1fc-1c999edb6187.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud;PORT=31249;UID=ptj61000;SEC
URITY=SSL;SSLServerCertificste=Certificate.crt;PWD=mK1iGb6QWUEsiZQ7;
Unable to connect

In [2]:
```

IPython console History

Run file   LSP Python: ready   conda (Python 3.9.12)   Line 29, Col 1   ASCII   CRLF   RW   Mem 93%