

Create IBM DB2 and connect it to Python

The screenshot shows the IBM Cloud 'Resource list' page. The left sidebar contains a navigation menu with categories like Compute, Containers, Networking, Storage, AI / Machine Learning, Analytics, Blockchain, and Databases. The main area displays a table of resources. Two resources are listed:

Name	Group	Location	Product	Status
Data Engine -previously SQL Query--en	Default	Dallas	Data Engine (previously SQL Q...	Active
Db2-3u	Default	Dallas	Db2	Active

The right sidebar shows details for the selected 'Db2-3u' resource:

- Active [View cloud status](#)
- Product: Db2
- Created: 2022-11-16
- Created by: harish6@gmail.com
- Plan: Lite
- CRN: crn:v1:bluemix:public:dashd...
- GUID: c4702fa8-2452-4d35-91...

A 'View full details' button is located at the bottom of the right sidebar.

The screenshot shows the 'Service Details' page for the 'Db2-3u' resource. The left sidebar has a 'Manage' section with links for 'Getting started', 'Service credentials', and 'Connections'. The main content area is divided into two columns:

- Getting started:** Contains text about finding credentials and links for 'Go to UI' and 'Getting started docs'.
- Need help?:** Contains text about submitting a support case and a 'Support case' button.

The top of the page shows the resource name 'Db2-3u' with an 'Active' status and an 'Add tags' link. The bottom of the page features a navigation bar with the IBM Cloud logo, search bar, and account information.

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```
Command Prompt
Microsoft Windows [Version 10.0.22000.1098]
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C:\Users\Aadhithyan A>pip install db2
Collecting db2
  Downloading db2-0.1.1-py3-none-any.whl (10 kB)
Collecting mysql-connector-python
  Downloading mysql_connector_python-8.0.31-cp310-cp310-win_amd64.whl (7.9 MB)
----- 7.9/7.9 MB 125.7 kB/s eta 0:00:00
Collecting protobuf<3.20.1,>=3.11.0
  Downloading protobuf-3.20.1-cp310-cp310-win_amd64.whl (983 kB)
----- 983.0/983.0 kB 704.0 kB/s eta 0:00:00
Installing collected packages: protobuf, mysql-connector-python, db2
Successfully installed db2-0.1.1 mysql-connector-python-8.0.31 protobuf-3.20.1

C:\Users\Aadhithyan A>
```

```
C:\Users\Aadhithyan A\Documents\harish\ibm\python_db.py - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
login.html x forget.html x python_db.py x
1 import ibm_db
2
3 conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=125f9f61-9715-46f9-9399-c8177b21803b.clogj3sd0tgu0lqde00.databases.appdomain.cloud;PORT=30426;SECURITY=SSL;SSLSe
4 print(conn)
5 print("connection successfull...")
6
7

<ibm_db.IBM_DBConnection object at 0x000001640973B680>
connection successfull...
[Finished in 3.4s]

Line 7, Column 1
Tab Size: 4 Python
```