

## CREATE IBM DB2 AND CONNECT WITH PYTHON

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Project	Skill and Job Recommender

### CODE:

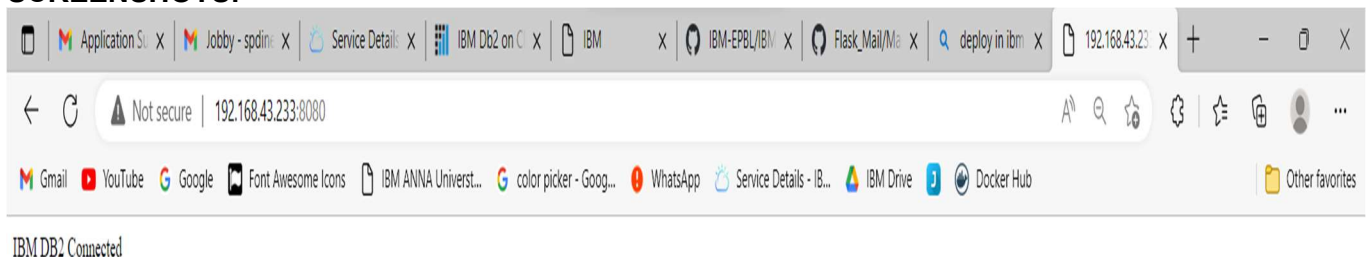
```
from flask import *
import os
import ibm_db
conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=54a2f15b-5c0f-46df-8954-7e38e612c2bd.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32733;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;PROTOCOL=TCPIP;UID=phb43134;PWD=mTTnIE45Raj9A0rr",";")
```

```
app = Flask(__name__)
app.secret_key = 'dsfaj38uhg9q384h9a84'
```

```
@app.route("/")
def index():
    if(conn!=False):
        return "IBM DB2 Connected"
    else:
        return "IBM DB2 failed to connect"
```

```
if __name__ == "__main__":
    app.run(debug=True,port=8080, host= '192.168.43.233') #running flask (Initialised on line 4)
```

### SCREENSHOTS:



The screenshot shows the IBM Db2 on Cloud console interface. At the top, there's a navigation bar with tabs for 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The 'Tables' tab is currently selected. Below the navigation bar, there's a search bar labeled 'Find schemas or tables' and a 'Refresh' button. The main content area is divided into two sections: 'Schemas' and 'Tables'. The 'Schemas' section shows a table with columns 'Name', 'Type', and 'Tables'. It contains one entry: 'PHB43134' with type 'User' and 6 tables. The 'Tables' section shows a table with columns 'Name', 'Schema', and 'Properties'. It contains six entries: 'APPLYJOB', 'JOBPOST', 'JOBSEEKER3', 'RECRUITER', 'SUBSCRIBE', and 'USER', all under the 'PHB43134' schema. A 'New table' button is visible in the top right of the 'Tables' section.

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

Find schemas or tables Refresh

Schemas

<input checked="" type="checkbox"/>	Name	Type	Tables
<input checked="" type="checkbox"/>	PHB43134	User	6

Tables

<input type="checkbox"/>	Name	Schema	Properties
<input type="checkbox"/>	APPLYJOB	PHB43134	...
<input type="checkbox"/>	JOBPOST	PHB43134	...
<input type="checkbox"/>	JOBSEEKER3	PHB43134	...
<input type="checkbox"/>	RECRUITER	PHB43134	...
<input type="checkbox"/>	SUBSCRIBE	PHB43134	...
<input type="checkbox"/>	USER	PHB43134	...