

## CREATE IBM DB2 AND CONNECT WITH PYTHON

Date	12 November 2022
Team ID	PNT2022TMID02461
Project Name	Nutrition Assistant Application

### DB2 :

The screenshot shows the IBM Db2 on Cloud web interface. The top navigation bar includes 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The 'Tables' tab is selected. On the left, a search bar says 'Find schemas or tables'. Below it, the 'Schemas' section shows a table with columns 'Name', 'Type', and 'Tables'. One schema is listed: 'SXQ13787' of type 'User' with 3 tables. On the right, the 'Tables' section shows a table with columns 'Name', 'Schema', and 'Properties'. Three tables are listed: 'IMAGEDetails', 'NUTRITIONDETAILS1', and 'USER', all under the 'SXQ13787' schema. A 'New table' button is visible at the top right of the Tables section.

### PYTHON CONNECTION :

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
* Detected change in 'c:\\Users\\abuan\\OneDrive\\Documents\\IBM\\flaskapi.py', reloading
* Restarting with stat
<ibm_db.IBM_DBConnection object at 0x000002A912C82030>
* Debugger is active!
* Debugger PIN: 132-448-734
127.0.0.1 - - [18/Nov/2022 13:12:18] "GET /login HTTP/1.1" 200 -
127.0.0.1 - - [18/Nov/2022 13:12:19] "GET /static/css/navbar.css HTTP/1.1" 304 -
127.0.0.1 - - [18/Nov/2022 13:12:19] "GET /static/css/login_style.css HTTP/1.1" 200 -
127.0.0.1 - - [18/Nov/2022 13:12:19] "GET /Roboto-Regular.ttf HTTP/1.1" 404 -
127.0.0.1 - - [18/Nov/2022 13:12:34] "POST /login HTTP/1.1" 302 -
127.0.0.1 - - [18/Nov/2022 13:12:34] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [18/Nov/2022 13:12:34] "GET /static/css/indexstyle.css HTTP/1.1" 304 -
127.0.0.1 - - [18/Nov/2022 13:12:34] "GET /static/css/navbar.css HTTP/1.1" 304 -
127.0.0.1 - - [18/Nov/2022 13:12:35] "GET /Roboto-Regular.ttf HTTP/1.1" 404 -
127.0.0.1 - - [18/Nov/2022 19:33:15] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [18/Nov/2022 19:33:15] "GET /static/css/navbar.css HTTP/1.1" 304 -
127.0.0.1 - - [18/Nov/2022 19:33:15] "GET /static/css/indexstyle.css HTTP/1.1" 304 -
127.0.0.1 - - [18/Nov/2022 19:33:15] "GET /static/images/testy.jpg HTTP/1.1" 304 -
127.0.0.1 - - [18/Nov/2022 19:33:18] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [18/Nov/2022 19:33:18] "GET /static/css/navbar.css HTTP/1.1" 304 -
127.0.0.1 - - [18/Nov/2022 19:33:18] "GET /static/css/indexstyle.css HTTP/1.1" 304 -
127.0.0.1 - - [18/Nov/2022 19:33:18] "GET /static/images/testy.jpg HTTP/1.1" 304 -
127.0.0.1 - - [18/Nov/2022 19:33:18] "GET /Roboto-Regular.ttf HTTP/1.1" 404 -
127.0.0.1 - - [18/Nov/2022 19:33:21] "GET /static/css/navbar.css HTTP/1.1" 304 -
127.0.0.1 - - [18/Nov/2022 19:33:21] "GET /static/css/indexstyle.css HTTP/1.1" 304 -
```