

Create IBM DB2 And Connect With Python

Date	14.11.2022
Team ID	PNT2022TMID12716
Project Name	Inventory Management System For Retailers

IBM DB2:

The screenshot displays the IBM Db2 on Cloud web interface. The browser address bar shows the URL: `bpe61bfd0365e9u4psdglite.db2.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aus-south%3Aa%2Fc65b215e...`. The interface includes a top navigation bar with tabs for Load Data, Load History, Tables (selected), Views, Indexes, Aliases, MQTs, Sequences, and Application objects. A search bar labeled 'Find schemas or tables' is present. The main content area is divided into two panels: 'Schemas' and 'Tables'. The 'Schemas' panel shows a table with one entry: XSH86694 (User) with 2 tables. The 'Tables' panel shows two entries: PRODUCT and USERS, both under the XSH86694 schema. A 'New table' button is visible in the top right of the Tables panel. The bottom status bar indicates 'Total: 1, selected: 1' for Schemas and 'Total: 2, selected: 0' for Tables.

Name	Type	Tables
XSH86694	User	2

Name	Schema	Properties
PRODUCT	XSH86694	...
USERS	XSH86694	...

PRODUCT Table Schema:

IBM Db2 on Cloud

IBM Db2 on Cloud

Load DataLoad History**Tables**ViewsIndexesAliasesMQTsSequencesApplication objects

XSH86694.PRODUCT

Back

Export to CSV

PID	PNAME	STOCK	DATE
430	black pen	100	17/11/2022
431	highlighter	20	17/11/2022
432	eraser	120	17/11/2022
433	pen	100	17/11/2022
434	pencil	100	17/11/2022
435	college bag	14	17/11/2022

USER Table Schema:

IBM Db2 on Cloud

IBM Db2 on Cloud

Load DataLoad History**Tables**ViewsIndexesAliasesMQTsSequencesApplication objects

XSH86694.USERS

Back

Export to CSV

NAME	EMAIL	USERNAME	PASSWORD	MOBILE
Udhayakumaran h	udhaya@gmail.com	udhaya435	qwertyui	9876543210

SQL

IBM DB2 Integration with Python:

```
1  import ibm_db
2
3  conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=98538591-7217-4024-b027-8baa776ffad1.c3n41cmd0nqnrk39u98g.
    databases.appdomain.cloud;PORT=30875;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;
    UID=xsh86694;PWD=ip3JI71jvBzYGKnE",'','')
4
```