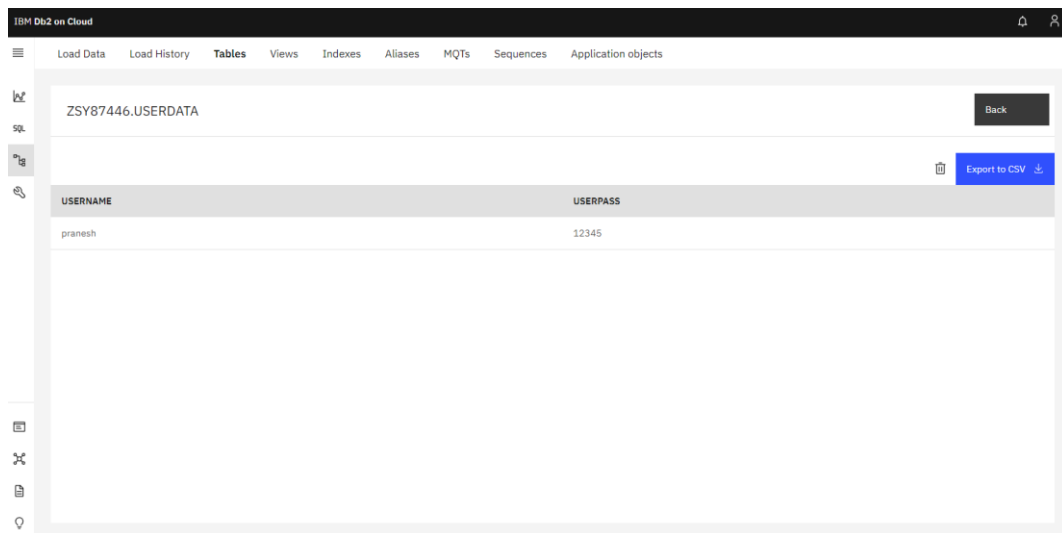


Create IBM DB2 And Connect With Python

Date	05 November 2022
Team ID	PNT2022TMID04430
Project Name	Nutrition assistant application

IBM DB2:



The screenshot shows the IBM Db2 on Cloud console interface. The top navigation bar includes 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The 'Tables' tab is selected, displaying a table named 'ZSY87446.USERDATA'. The table has two columns: 'USERNAME' and 'USERPASS'. A single record is visible with 'pranesh' as the username and '12345' as the password. A 'Back' button is in the top right corner, and an 'Export to CSV' button is in the bottom right corner.

USERNAME	USERPASS
pranesh	12345

DB2 with python:

```
Microsoft Windows [Version 10.0.22621.819]
(c) Microsoft Corporation. All rights reserved.

C:\Users\prane\Documents\works\IBM_works\db2_with flask>python app.py
Connection with ibm db2 is successful.
C:\Users\prane\Documents\works\IBM_works\db2_with flask\app.py:35: UserWarning: pandas only supports SQLAlchemy connectable (engine/connection) or database string URI or sqlite3 DBAPI2 connection. Other DBAPI2 objects are not tested. Please consider using SQLAlchemy.
  df = pd.read_sql(sql, connection)
Records from db2
   COLUMN_0      DATE V_NUMBER
0         0  Mon Oct 24 07:13:32 2022      None

C:\Users\prane\Documents\works\IBM_works\db2_with flask>
```