

Create IBM DB2 and connect with python

Team Id	PNT2022TMID33777
Project Name	Customer Care Registry

The screenshot displays the IBM Cloud console interface for creating a new Db2 service. The browser address bar shows the URL `cloud.ibm.com/catalog/services/db2`. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and the user account (Melciya Jaffrin's Account). The main content area is titled "Db2" and describes it as a "fully managed, highly-performant relational data store running the enterprise-class Db2 database engine." Below this, there are tabs for "Create" and "About". The "Create" tab is active, showing a "Select a location" dropdown menu. The dropdown is open, displaying a list of regions: Sydney (au-syd), ASIA PACIFIC, Tokyo (jp-tok), EUROPE, Frankfurt (eu-de), and London (eu-ph). The "Sydney (au-syd)" option is selected. To the right of the main content, a "Summary" panel shows the following details: Location: Sydney, Plan: Standard, Service name: Db2-kd, and Resource group: Default. A blue link "Estimate costs" is also present. A notification banner at the bottom of the summary panel states: "This paid plan cannot be added to an IBM Cloud trial account. You can add a credit card to create a Pay-As-You-Go account. If a free plan for this service is available, you can choose to add it." Below the notification, there is a checkbox for "I have read and agree to the following license agreements:" with a link to "Terms". The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the temperature (23°C), weather (Cloudy), and time (03:46 AM, 16-11-2022).

IBM Cloud

Search resources and products...

Catalog Manage Melciya Jaffrin's Account

Name	Group	Location	Product	Status
Filter by name or IP address...				
Filter by group or org.				
Filter...				
Filter...				
Analytics (0)				
Blockchain (0)				
Databases (1)				
Db2-wx	Default	London	Db2	Active
Developer tools (0)				
Logging and monitoring (0)				
Migration (0)				
Integration (0)				
Internet of Things (0)				
Security (0)				
Mobile (0)				
Other (0+)				

Db2-wx

Active View cloud status

Product: Db2

Created: 2022-11-12

Created by: melciyajaffrin@gmail.com

Plan: Lite

CRN: crn:v1:bluemix:public:dashd...

GUID: 3de82451-fe49-4ad2-b7...

View full details

24°C Cloudy

Search

ENG IN

03:28 AM 16-11-2022

IBM Cloud

Search resources and products...

Catalog Manage Melciya Jaffrin's Account

Resource list /

Db2-wx Active Add tags

Details Actions...

Manage

Getting started

Service credentials

Connections

Getting started

Where can I find my credentials?

Get your username and password by clicking the "Service Credentials" link to the left and selecting "New Credentials". Don't see this menu on the left? Click on "Manage in IBM Cloud" to open the IBM Cloud dashboard.

Go to UI

Getting started docs

Need help?

Submit a IBM Cloud Support Case to our team.

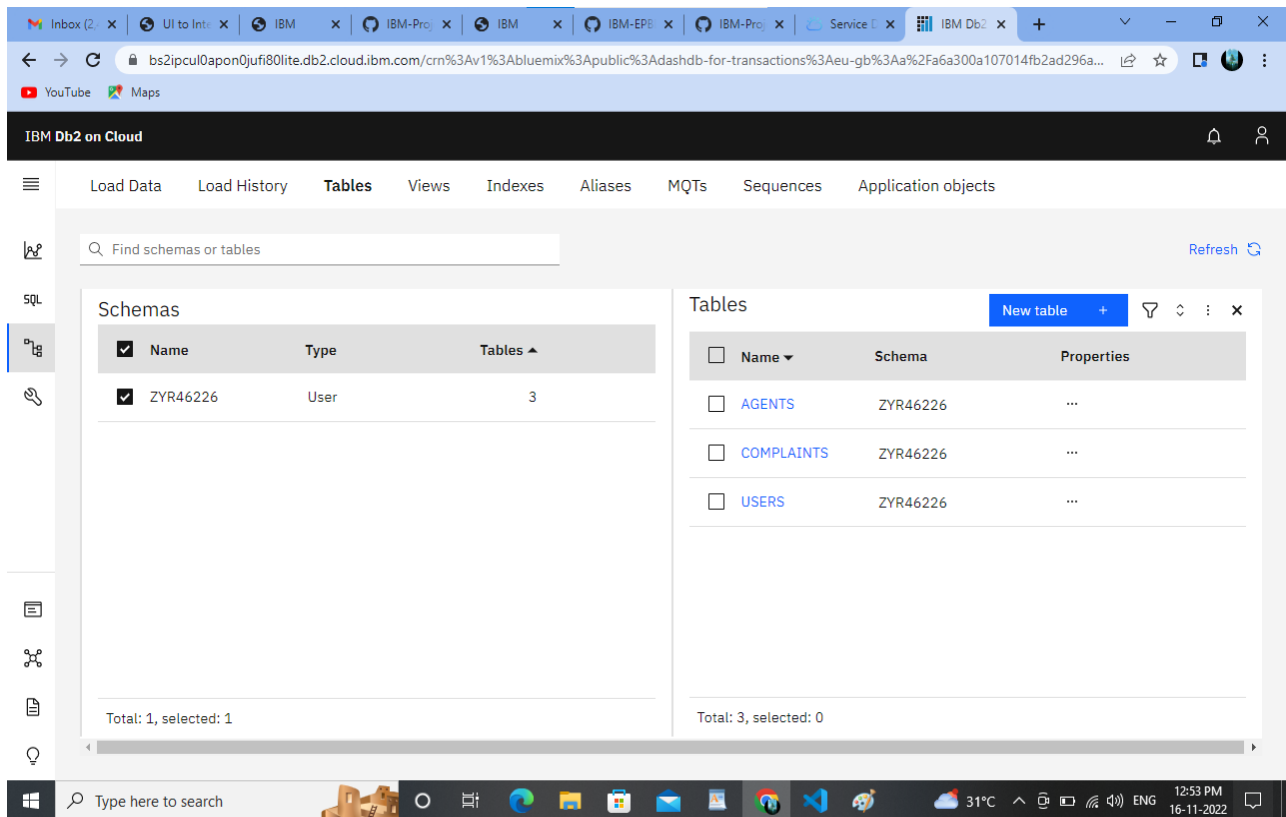
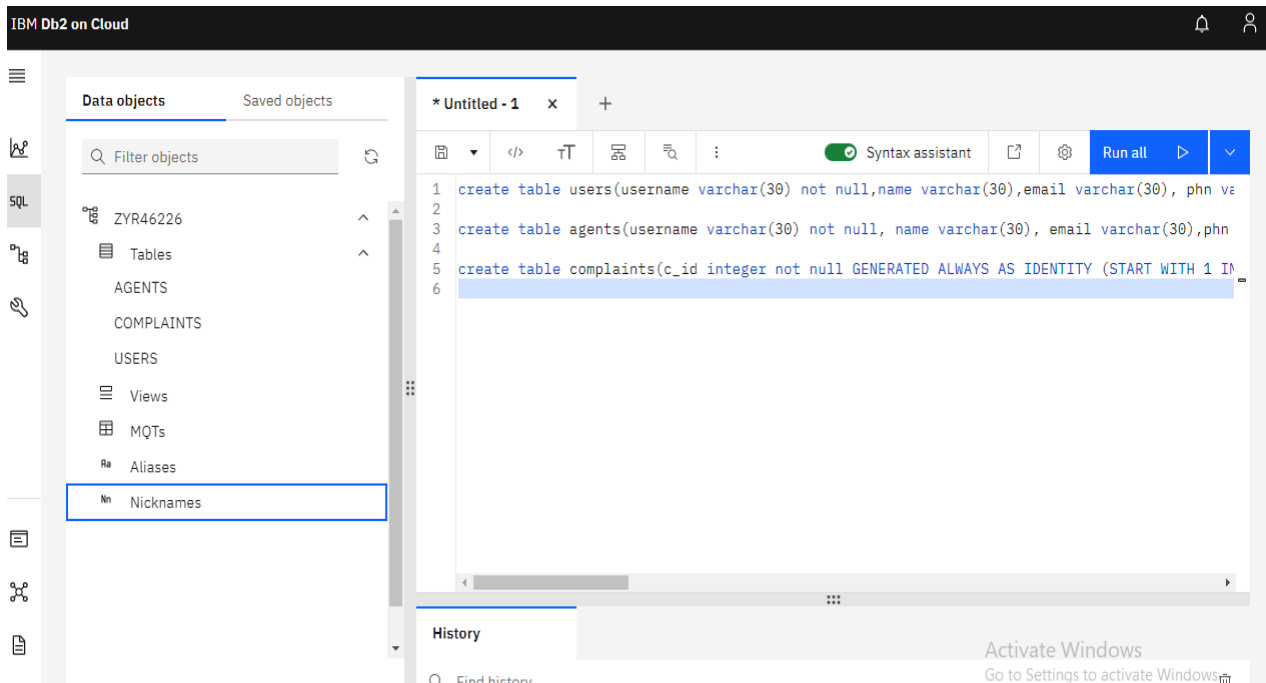
Support case

24°C Cloudy

Search

ENG IN

03:31 AM 16-11-2022



bs2ipcul0apon0jufi80lite.db2.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aeu-gb%3Aa%2Fa6a300a107014fb2ad296a... YouTube Maps

IBM Db2 on Cloud

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

ZYR46226.USERS Back

SQL Export to CSV

USERNAME	NAME	EMAIL	PHN	PASSWORD
cus1	cus1	cus1@gmail.com	9870654321	123
jaff	jaff	melciyajaffrin@gmail.com	9345171339	123

Type here to search 31°C ENG 12:55 PM 16-11-2022

bs2ipcul0apon0jufi80lite.db2.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aeu-gb%3Aa%2Fa6a300a107014fb2ad296a... YouTube Maps

IBM Db2 on Cloud

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

ZYR46226.AGENTS Back

Export to CSV

USERNAME	NAME	EMAIL	PHN	PASSWORD	DOMAIN	STATUS
agent	agent	agent@gmail.com	9087654321	123	api	3
ram	ram	ram@gmail.com	9876543210	123	api	3

Type here to search 31°C 12:59 PM 16-11-2022

bs2ipcul0apon0jufi80lite.db2.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aeu-gb%3Aa%2Fa6a300a107014fb2ad296a... YouTube Maps

IBM Db2 on Cloud

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

ZYR46226.COMPLAINTS Back

Export to CSV

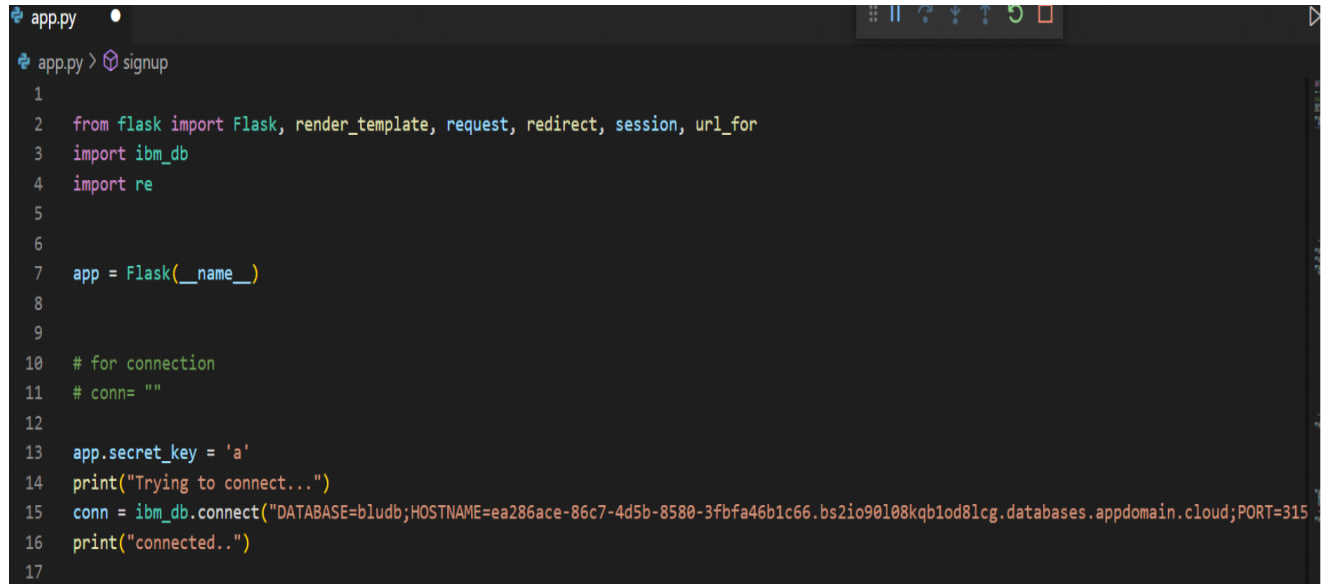
C_ID	USERNAME	TITLE	ASSIGNED_AGENT	STATUS	COMPLAINT	SOLUTION	DATE_ASSIGNED	DATE_COMPLETED
1	jaff	wifi	ram	1	Not connected	Try again		
2	cus1	internet	agent	1	Slow Network	Try again		

Activate Windows Go to Settings to activate Windows. Show all

Create IBM DB2 an....pdf Create IBM DB2 an....pdf

Type here to search 31°C 01:23 PM 16-11-2022

Connection Code

A screenshot of a code editor window titled 'app.py'. The editor shows Python code for a Flask application. The code includes imports for Flask, render_template, request, redirect, session, url_for, ibm_db, and re. It initializes a Flask app, sets a secret key, and attempts to connect to an IBM DB instance using ibm_db.connect. The connection string includes database name, hostname, and port. The code is numbered 1 through 17.

```
1
2 from flask import Flask, render_template, request, redirect, session, url_for
3 import ibm_db
4 import re
5
6
7 app = Flask(__name__)
8
9
10 # for connection
11 # conn= ""
12
13 app.secret_key = 'a'
14 print("Trying to connect...")
15 conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=ea286ace-86c7-4d5b-8580-3fbfa46b1c66.bs2io90l08kqb1od8l1cg.databases.appdomain.cloud;PORT=315
16 print("connected..")
17
```