

IMPLEMENTING WEB APPLICATION

Db2 connectivity

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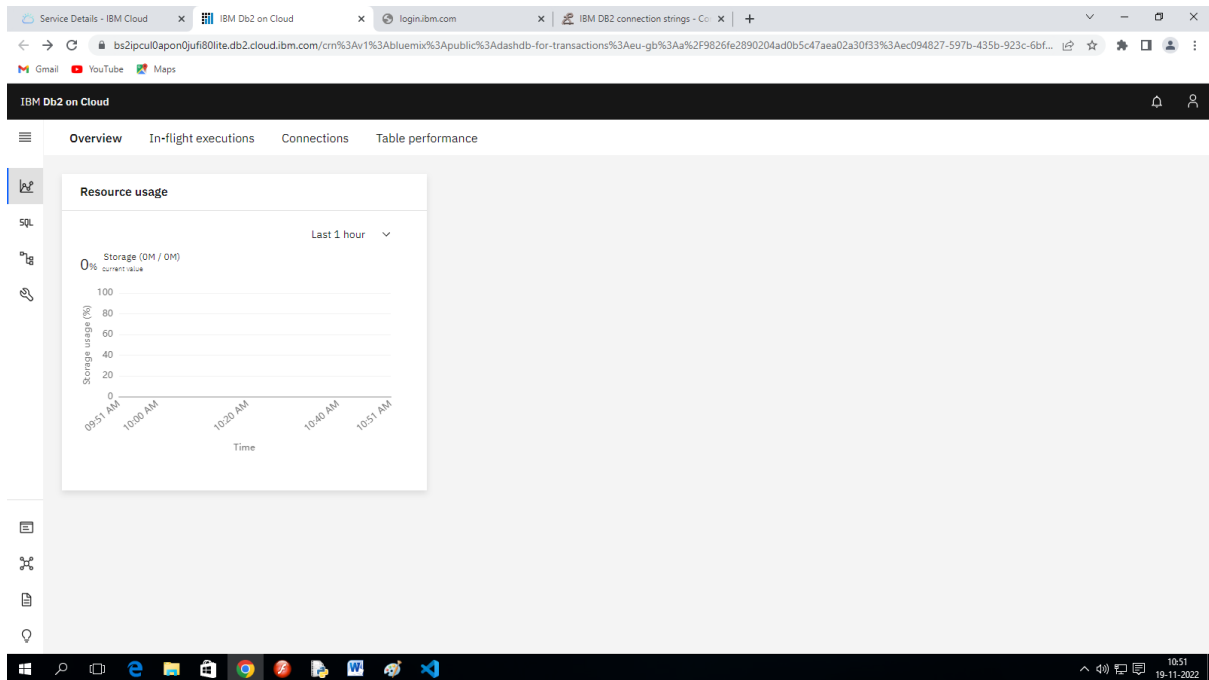
The screenshot shows the IBM Cloud console interface. The top navigation bar includes the IBM Cloud logo, a search bar, and user information (Sathish RK's Account). The main content area is titled "Resource list" and features a table with columns: Name, Group, Location, Product, Status, and Tags. The table lists resources under the "Databases" group, including "Cloudant-k2" (Active) and "Db2-4a" (Provision in progress). A sidebar on the left provides navigation options for various cloud services like Compute, Containers, Networking, Storage, AI / Machine Learning, Analytics, Blockchain, and Databases. A "Create resource" button is visible in the top right corner.

Name	Group	Location	Product	Status	Tags
Cloudant-k2	Default	Dallas	Cloudant	Active	-
Db2-4a	Default	London	Db2	Provision in progress	-

SELECT DB2 THROUGH SEARCH

The screenshot displays the IBM Cloud Catalog search results for "db2". The search bar at the top shows "0 resource results found". Below the search bar, a list of results is shown, including "Db2 Service" and "Db2 Warehouse Service". The "Db2 Warehouse Service" result is highlighted, showing a description: "SAP NetWeaver(ABAP stack) with DB2 standard system". The interface also includes a sidebar with navigation options, a top navigation bar with user information, and a main content area with various service cards and a "Select an option" dropdown. The bottom of the page features a "News" section with updates on IBM Cloud Certification and a "Recent support cases" section.

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DB2 CONNECTIVITY WITH FLASK

```
File Edit Selection View Go Run Terminal Help
app.py - Visual Studio Code
Get Started db2connectivity app.py x
C:\> Users > HOME > app.py
1 from flask import flaskimport ibm_db
2 conn=ibm_db.connect(db2cli writecfg add -database bludb -host ea286ace-86c7-4d5b-8580-3fbfa46b1c66.bs21o90108kbiod8l1cg.databases.appdomain.cloud -port 31505
3 db2cli writecfg add -dsn dashdb -database bludb -host ea286ace-86c7-4d5b-8580-3fbfa46b1c66.bs21o90108kbiod8l1cg.databases.appdomain.cloud -port 31505
4 db2cli writecfg add -database bludb -host ea286ace-86c7-4d5b-8580-3fbfa46b1c66.bs21o90108kbiod8l1cg.databases.appdomain.cloud -port 31505 -parameter "SecurityTransportMode=SSL
5
6
7 app=Flask(__name__)
8 app.secret_key=b"seey2L"F4Q8z/n/sec)/'
9 print("connected to IBM DB2 Database successfully")
```