

## Create IBM DB2 and connect with python

DATE	14 NOVEMBER 2022
TEAM ID	PNT2022TMID23026
PROJECT NAME	SMART FASHION RECOMMENDER APPLICATION

### DATABASE CONNECTION:

```
import ibm_db

conn = None

def get_db():
    global conn
    print(conn)
    if conn == None:
        conn =
ibm_db.connect("DATABASE=bludb;HOSTNAME=9938aec0-8105-433e-8bf9-0fbb7e4
83086.clogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32459;SECURIT
Y=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=yvp21124;PWD=jN
DAkHSrZNopa2oe",'','')
    return conn
```

### CREATING INSTANCE IN IBM CLOUD:

Resource list							Create resource
Name	Group	Location	Product	Status	Tags		
Filter by name or IP address...	Filter by group or org...	Filter...	Filter...	Filter...	Filter...	Filter...	
Compute (0)							
Containers (0)							
Networking (0)							
Storage (1+)							
AI / Machine Learning (1+)							
Analytics (0)							
Blockchain (0)							
Databases (1)							
Db2-nw	Default	Dallas	Db2	Active	-		
Developer tools (0)							
Logging and monitoring (0)							
Migration (0)							
Integration (0+)							
Internet of Things (0)							
Security (0)							
Mobile (0)							
Other (0+)							

# CREATING TABLES IN DATABASE

Schemas

<input checked="" type="checkbox"/> Name	Type	Tables
<input checked="" type="checkbox"/> YVP21124	User	7

Total: 1, selected: 1

Tables

New table +

☐ Name

Schema

Properties

<input type="checkbox"/> CART	YVP21124	---
<input type="checkbox"/> CATEGORY	YVP21124	---
<input type="checkbox"/> ORDER	YVP21124	---
<input type="checkbox"/> ORDERDETAIL	YVP21124	---
<input type="checkbox"/> PRODUCT	YVP21124	---
<input type="checkbox"/> TEST	YVP21124	---
<input type="checkbox"/> USER	YVP21124	---

Total: 7, selected: 0