

## Create IBM DB2 and connect with python

DATE	14 NOVEMBER 2022
TEAM ID	PNT2022TMID51682
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		
Q Filter by name or IP address...	Filter by group or org...	Filter...	Q Filter...	Q 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