

SKILL AND JOB RECOMMENDER

Date	30 October 2022
Team ID	PNT2022TMID32209
Project Name	Skill And Job Recommender

Implementing Web Application

Create IBM DB2 and interact with application

Creation of IBM DB2 database:

cloud.ibm.com/catalog/services/db2

IBM Cloud

Search resources and products...

Catalog Manage Dhanasekaran N's Account

Db2

A fully managed, highly-performant relational data store running the enterprise-class Db2 database engine.

Create About

Type Service

Provider IBM

Last updated 11/10/2022

Category Databases

Compliance EU Supported HIPAA Enabled IAM-enabled

Location Sydney Frankfurt London Dallas Sao Paulo Toronto Tokyo Milan 01 Montreal 01 Washington DC

Related links

Select a location

London (eu-gb)

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)

Plan	Features	Pricing
Lite	200 MB of data storage 5 simultaneous connections Shared multitenant system	Free
Standard	Instance with flexible scaling of compute and storage Base instance starts at 8 GB RAM x 20 GB Storage	\$0.136 USD/Instance-Hour \$0.00027 USD/Gigabyte-Hours \$0.097 USD/Virtual Processor Core-Hour \$0.00003 USD/BACKUP_GIGABYTE_HOURS

The Free plan provides a free Db2 service for development and evaluation. The plan has a set amount of limitations as shown. You can continue using the free plan for as long as needed, however, users are asked to re-extend their free account every 90 days by email. If you do not re-extend, your free account is cleaned out a further 90 days later. This helps provide free resources for everyone.

Lite plan services are deleted after 30 days of inactivity.

Summary

Db2 Free

Location: London

Plan: Lite

Service name: Db2-tg

Resource group: Default

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.

I have read and agree to the following license agreements: [Terms](#)

Upgrade

Add to estimate

IBM Cloud dashboard for Db2-hq. The page shows a sidebar with navigation options like Manage, Getting started, Service credentials, and Connections. The main content area includes a "Getting started" section with instructions on finding credentials and a "Need help?" section with a link to submit a support case.

Resource list / Db2-hq 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](#)

IBM Db2 on Cloud interface showing the database catalog. The top navigation bar includes options like Load Data, Load History, Tables, Views, Indexes, Aliases, MQTs, Sequences, and Application objects. The main content area displays a search bar and two tables: Schemas and Tables.

IBM Db2 on Cloud

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

Find schemas or tables Refresh

Schemas

Name	Type	Tables
NSF48872	User	2

Total: 1, selected: 1

Tables

Name	Schema	Properties
LOGIN	NSF48872	...
SIGNIN	NSF48872	...

Total: 2, selected: 0

Database connection coding:

```
1 import ibm_db
2
3 hostname="764264db-9824-4b7c-82df-40d1b13897c2.bs2io90l08kqb1od8lcg.databases.appdomain.cloud"
4 uid="xw160917"
5 pwd="07oTqMWSaEHU1AK"
6 driver="{IBM DB2 ODBC DRIVER}"
7 db="bludb"
8 port="32536"
9 protocol="TCPIP"
10 cert = "Certificate.crt"
11
12 dsn = {
13     "DATABASE={0};"
14     "HOSTNAME={1};"
15     "PORT={2};"
16     "UID={3};"
17     "PWD={4};"
18 }
19
20 ).format(db_hostname_port_uid_pwd)
21 print(dsn)
22
23 try:
24     db2=ibm_db.connect(dsn,"", "")
25     print("Connected to database ",db2)
26 except:
27     print("Unable to connect ",_ibm_db.conn_errormsg())
```