

Create IBM DB2 and Connect with Python

Team ID PNT2022TMID32846

Project Name Project – Skill/Job Recommender

The screenshot displays the IBM Cloud Catalog interface. The top navigation bar includes the IBM Cloud logo, a search bar, and user account information (Kiruthika K's Account). The main content area shows a grid of services. The 'Db2' service is highlighted, showing its description: 'A fully managed, highly-performant relational data store running the enterprise-class Db2 database engine.' Below this, the 'Lite' plan is selected, which is free and includes 200 MB of data storage, 5 simultaneous connections, and a shared multitenant system. The 'Create' button is visible. On the right, a 'Summary' panel shows the selected plan (Lite) and location (London). At the bottom, a checkbox indicates agreement to the license agreements, and a 'Create' button is present.

IBM Cloud Catalog

Search resources and products...

Search the catalog...

Sell on IBM Cloud Catalog settings

Build mission critical web applications that offer high performance with scalability and security.

EU Supported • HIPAA Enabled • IAM-enabled • Service Endpoint Supported • IBM supported

PostgreSQL is a powerful, open source object-relational database that is highly customizable.

Satellite Enabled • EU Supported • HIPAA Enabled • IAM-enabled • Service Endpoint Supported • IBM supported

Redis is a blazingly fast, in-memory data structure store.

Satellite Enabled • EU Supported • HIPAA Enabled • IAM-enabled • Service Endpoint Supported • IBM supported

DataStage By IBM

Create ETL and data pipeline services for real-time, micro-batch, and batch data orchestration.

Lite • Free • IAM-enabled • IBM supported

Db2 By IBM

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

Lite • Free • EU Supported • HIPAA Enabled • IAM-enabled • IBM supported

Db2 Warehouse By IBM

A fully managed, elastic, cloud data warehouse built for high-performance analytics and machine learning.

HIPAA Enabled • IAM-enabled • IBM supported

Dedicated Host for VPC By IBM

Provision single-tenant hosts that offer dedicated resources and maximum control.

Direct Link Connect By IBM

Leverage a Service Provider to quickly establish and deliver connectivity to IBM Cloud

Direct Link Connect on Classic By IBM

IBM Cloud Direct Link Connect offers private access to your IBM Cloud infrastructure and to

https://cloud.ibm.com/catalog/services/db2

Type here to search

IBM Cloud Catalog

Search resources and products...

Catalog Manage Kiruthika K's Account

Create About

Type Service

Select a location

Provider IBM

London (eu-gb)

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

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

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-bs

Resource group: Default

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

Create

Add to estimate

Type here to search

10:32 20-11-2022

IBM Cloud

Search resources and products...

Catalog

Manage

Kiruthika K's Account

Resource list

Create resource

Name	Group	Location	Product	Status	Tags
Filter by name or IP address... Filter by group or org... Filter... Filter... Filter...					
Analytics (0)					
Blockchain (0)					
Databases (1)					
Db2-k8	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-k8

Active View cloud status

Product: Db2

Created: 2022-11-16

Created by: 813819205031@smarti...

Plan: Lite

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

GUID: 7498d044-9ec4-4e79-92...

View full details

IBM Db2 on Cloud

Data objects Saved objects

Filter objects

SQL

PNL17877

Tables

JOB

USERS

Views

MQTs

Aliases

Nicknames

*Untitled - 1

Syntax assistant

Run selected

```
1 select * from users;
```

History

Find history

Script	Date	Status	Runtime
Untitled - 1	Nov 20, 2022 10:38:53 AM	1	0.113 s
create table job(jobid integer, jrole varchar(25), firm varch...			0.113 s
Untitled - 1	Nov 20, 2022 10:38:33 AM	1	0.021 s

IBM Db2 on Cloud

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*Untitled - 1

Syntax assistant

Run selected

```
1 select * from users;
```

History

Results

Result set 1

Filter table

Total: 4

UID	UNAME	PASS	MAIL
1	kiru	pass	kiru2001@gmail.com
4	sindhuja	pwd1	sindhuma1394@gmail.com
5	kiruthika	pwd	krithikrish@gmail.com
6	Divyaa	divyaa	divyahere@gmail.com

WhatsApp x IBM-Project-319 x IBM-Project-397 x Inbox (357) - sin x Service Details x IBM Db2 on Clo x IBM Watson Ass x +

bs2ipcu0apon0juf80lite.db2.cloud.ibm.com/cn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aeu-gb%3Aa%2F680a64b9370646d082c0d440...

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
PNL17877	User	2

Total: 1, selected: 1

Tables New table +

Name	Schema	Properties
JOB	PNL17877	...
USERS	PNL17877	...

Total: 2, selected: 0

Type here to search

WhatsApp x IBM-Project-319 x IBM-Project-397 x Inbox (357) - sin x Service Details x IBM Db2 on Clo x IBM Watson Ass x +

bs2ipcu0apon0juf80lite.db2.cloud.ibm.com/cn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aeu-gb%3Aa%2F680a64b9370646d082c0d440...

IBM Db2 on Cloud

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

Find schemas or tables Refresh

Tables New table +

Name	Schema	Properties
JOB	PNL17877	...
USERS	PNL17877	...

Total: 2, selected: 0

Table definition

USERS
Approximate 4 rows (32.0 KB)
Updated on 2022-11-19 21:01:33

Name	Data type	Nullable	Length	Scale
UID	INTEGER	N		0
UNAME	VARCHAR	Y	30	0
PASS	VARCHAR	Y	30	0
MAIL	VARCHAR	Y	40	0

View data