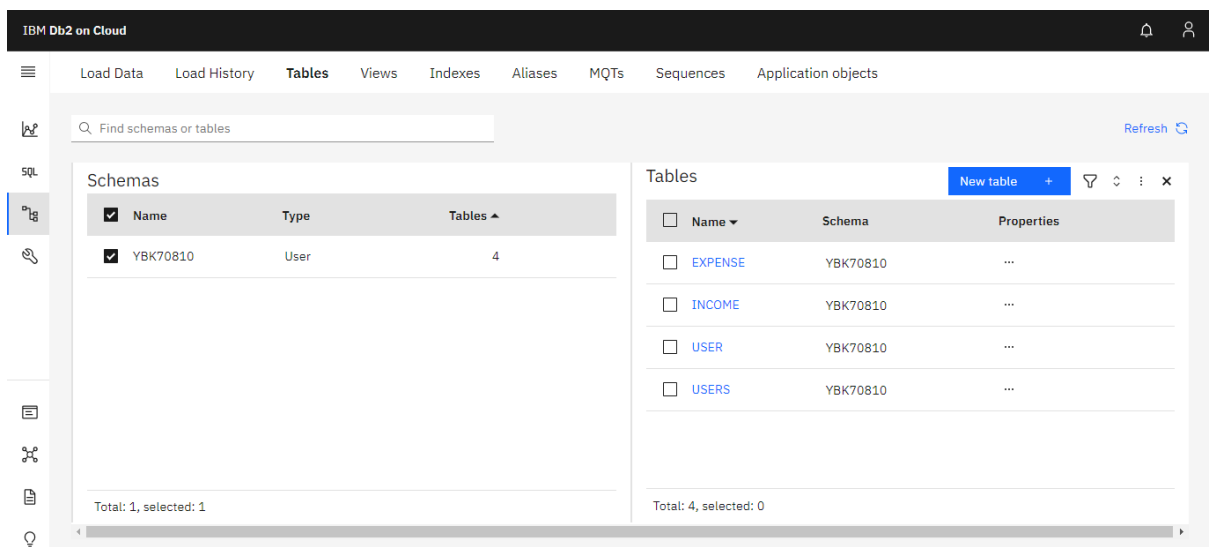
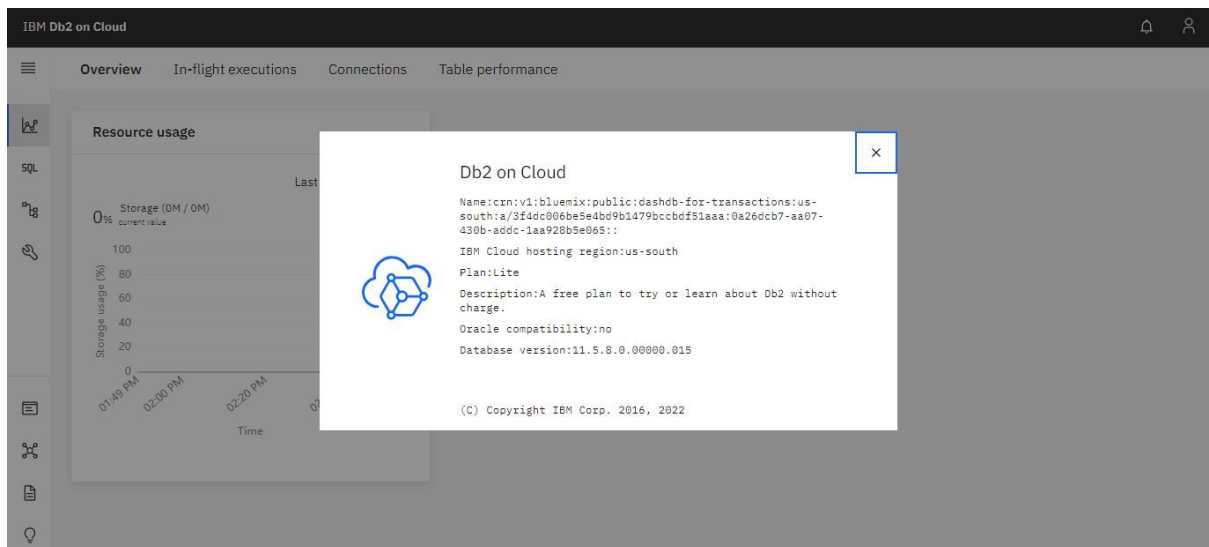


# Implementing Web Application

Team ID	PNT2022TMID13990
Project Name	Project - Personal Expense Tracker Application

## Create IBM DB2 and Connect with Python

### IBM DB2:



IBM Db2 on Cloud

Connections

Linux

PowerLinux

Mac

Windows

Instructions

1. Download Linux driver package

Download Linux driver package from [driver list](#)

File name:ibm\_data\_server\_driver\_package\_linuxx64\_v11.5.tar.gz (70 MB)

2. Run the following example commands to decompress the file

```
gunzip ibm_data_server_driver_package_linuxx64_v11.5.tar.gz
tar -xvf ibm_data_server_driver_package_linuxx64_v11.5.tar.gz
```

A dsdriver subdirectory is created.

3. Extract the Java and ODBC/CLI drivers by running the following command from the dsdriver directory:

```
./installDSDriver
```

Connection configuration resources

Host name:

9938aec0-8105-433e-8bf9-0fbb7e483086.clogj3sd0tgu0lqde00.databases.appdomain.cloud

With SSL:

Yes

Port number:

32459

Database name:

bludb

User ID:

<user name>

Password:

\*\*\*\*\*

Version:

Compatible with Db2, Version 11.5.0 or later

Download SSL Certificate

JDDBC string

```
DRIVER={IBM Db2 ODBC DRIVER};DATABASE=bludb;HOSTNAME=9938aec0-8105-433e-8bf9-0fbb7e483086.clogj3sd0tgu0lqde00.databases.appdomain.cloud;PORT=32459;SECURITY=SSL;SSLServerCertificate=0
```

## Connect with Python

connection.py X

connection.py > ...

```
1 import ibm_db
2
3 conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=9938aec0-8105-433e-8bf9-0fbb7e483086.clogj3sd0tgu0lqde00.databases.appdomain.cloud;PORT=32459;SECURITY=SSL;SSLServerCertificate=0")
4
5 print(conn)
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

Python

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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS D:\IBM\Our Work\Preparation Phase\Assignment 2> & C:\Users\ navee\AppData\Local\Programs\Python\Python37\python.exe "d:/IBM/Our Work/Preparation Phase/Assignment 2/connection.py"

<ibm\_db.IBM\_DBConnection object at 0x0000025E47C82930>

PS D:\IBM\Our Work\Preparation Phase\Assignment 2> |