Course › Course 2: S… › Module 2 - R… › Lab 2
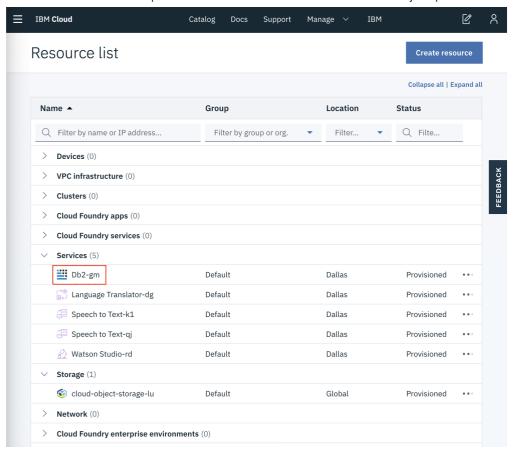
Lab 2

To write and execute the SQL statements in this lab, you will need to launch the SQL editor (Run SQL) in your Db2 database instance on IBM Cloud that you created in the previous lab.

NOTE: Some users have reported issues performing this lab using Microsoft Edge. It is recommended using Google Chrome or Mozilla Firefox as your web browser to complete these labs.
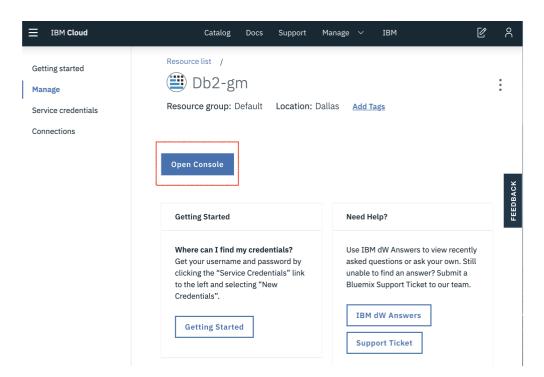
NOTE: This lab is not related to the content in this module, rather it is intended to prepare you for the next lab.

First, you will launch the SQL editor in the Db2 console using the following steps:

1. Go to the IBM Cloud dashboard (you may need to log into IBM Cloud in the process): https://cloud.ibm.com/resources

2. Locate and click on your instance of the Db2 service listed under Services
(It will typically be named something similar to Db2-xx)

3. Click on the **Open Console** button.

4. The Db2 console will open in a new tab in your web browser. Click on the 3 bar menu icon in the top left corner and then click on RUN SQL

4. Create a Blank file. The SQL editor will open where you can start typing and running queries.

IBM **Db2 on Cloud**　　☰ Storage: 31%　　　　　　　　　　　　　　　 ♀ Discover　　 △　　 ▲

RUN SQL

* Untitled - 1　　⊕　　　　　　　　　　　　　　　　　　　　　　　　Script Library　　　Result History
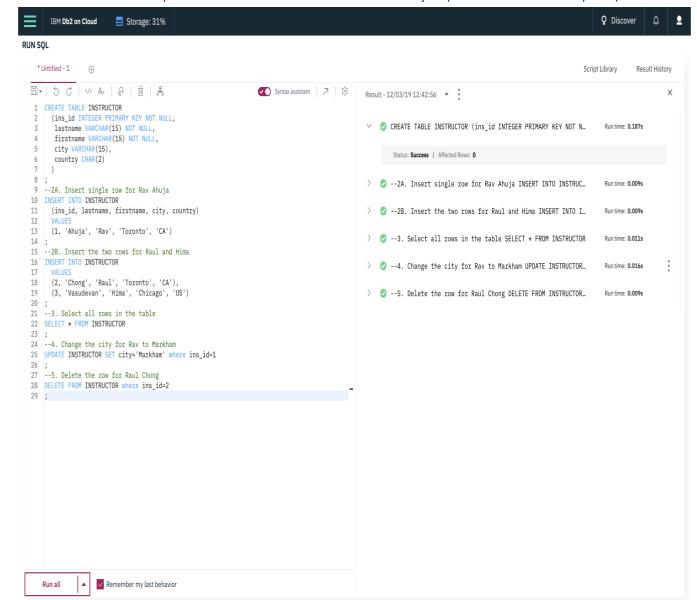
🖫 ▾ | ⟲ ⟳ | ⟨/⟩ Aₐ | ⟲ | 🗑 | ⋔　　　　　　✔◯ Syntax assistant　↗ ⚙　　　Result - 12/03/19 12:42:56 ▾ ⋮　　　　　　　　　　　　　　　X

```
 1  CREATE TABLE INSTRUCTOR
 2    (ins_id INTEGER PRIMARY KEY NOT NULL,
 3     lastname VARCHAR(15) NOT NULL,
 4     firstname VARCHAR(15) NOT NULL,
 5     city VARCHAR(15),
 6     country CHAR(2)
 7    )
 8  ;
 9  --2A. Insert single row for Rav Ahuja
10  INSERT INTO INSTRUCTOR
11    (ins_id, lastname, firstname, city, country)
12    VALUES
13    (1, 'Ahuja', 'Rav', 'Toronto', 'CA')
14  ;
15  --2B. Insert the two rows for Raul and Hima
16  INSERT INTO INSTRUCTOR
17    VALUES
18    (2, 'Chong', 'Raul', 'Toronto', 'CA'),
19    (3, 'Vasudevan', 'Hima', 'Chicago', 'US')
20  ;
21  --3. Select all rows in the table
22  SELECT * FROM INSTRUCTOR
23  ;
24  --4. Change the city for Rav to Markham
25  UPDATE INSTRUCTOR SET city='Markham' where ins_id=1
26  ;
27  --5. Delete the row for Raul Chong
28  DELETE FROM INSTRUCTOR where ins_id=2
29  ;
```

∨ ✅ CREATE TABLE INSTRUCTOR (ins_id INTEGER PRIMARY KEY NOT N…　Run time: **0.187s**

　　　Status: **Success**　|　Affected Rows: **0**

> ✅ --2A. Insert single row for Rav Ahuja INSERT INTO INSTRUC…　Run time: **0.009s**

> ✅ --2B. Insert the two rows for Raul and Hima INSERT INTO I…　Run time: **0.009s**

> ✅ --3. Select all rows in the table SELECT * FROM INSTRUCTOR　Run time: **0.011s**

> ✅ --4. Change the city for Rav to Markham UPDATE INSTRUCTOR…　Run time: **0.016s**　⋮

> ✅ --5. Delete the row for Raul Chong DELETE FROM INSTRUCTOR…　Run time: **0.009s**

Run all ▲　　✓ Remember my last behavior

In the following labs you will see how to run your own SQL Queries using the SQL Editor.

Good luck!

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