# STEPS TO CREATE IBM DB2 AND CONNECTION WITH PYTHON

# STEP 1: Import the ibm\_db Python library:

```
!pip install --force-reinstall ibm_db==3.1.0 ibm_db_sa==0.3.7 import ibm_db
```

# STEP 2: Identify the database connection credentials:

### STEP 3: Create the DB2 database connection:

```
server = ibm_db.server_info(conn)
 print ("DBMS_NAME: ", server.DBMS_NAME)
 print ("DBMS_VER: ", server.DBMS_VER)
 print ("DB_NAME: ", server.DB_NAME)
 client = ibm_db.client_info(conn)
 print ("DRIVER_NAME: ", client.DRIVER_NAME)
 print ("DRIVER_VER: ", client.DRIVER_VER)
 print ("DATA_SOURCE_NAME: ", client.DATA_SOURCE_NAME)
 print ("DRIVER_ODBC_VER: ", client.DRIVER_ODBC_VER)
print ("ODBC_VER:
                                  ", client.ODBC_VER)
print ("ODBC_SQL_CONFORMANCE: ", client.ODBC_SQL_CONFORMANCE)
print ("APPL_CODEPAGE:
                               ", client.APPL_CODEPAGE)
                              ", client.CONN_CODEPAGE)
print ("CONN_CODEPAGE:
```

### **STEP 4: Close the Connection:**

ibm\_db.close(conn)