STEPS TO CREATE IBM DB2 AND CONNECT WITH PYTHON

TEAM ID: PNT2022TMID15346

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:

```
except:
  print ("Unable to connect: ", ibm_db.conn_errormsg() )
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
                             ", client.DRIVER_VER) print
("DRIVER_VER:
("DATA_SOURCE_NAME: ", client.DATA_SOURCE_NAME) print
                         ", client.DRIVER_ODBC_VER) print
("DRIVER_ODBC_VER:
("ODBC_VER:
                 ", client.ODBC_VER)
print ("ODBC_SQL_CONFORMANCE: ", client.ODBC_SQL_CONFORMANCE)
print ("APPL_CODEPAGE:
                         ", client.APPL_CODEPAGE) print
("CONN_CODEPAGE:
                     ", client.CONN_CODEPAGE)
STEP 4: Close the Connection:
```

ibm_db.close(conn)

