

Le site https://www.w3schools.com/python/python_mysql_getstarted.asp fournit l'aide nécessaire à l'utilisation des base de données avec python.

1. Lister les Bdd

```
import mysql.connector

mydb = mysql.connector.connect(
    host="localhost",
    user="root",
    password="" )

mycursor = mydb.cursor()
mycursor.execute("SHOW DATABASES")
for x in mycursor:
    print(x)
('information_schema',)
('arduinobdd',)
('classicmodels',)
('films',)
('itis',)
('mysql',)
('mysqlsampledatabse',)
('performance_schema',)
('restaurant',)
('sys',)
('testprenom',)
('villes_france',)
>>>
```

2. Ouvrir une Bdd

```
import mysql.connector

mydb = mysql.connector.connect(
    host="localhost",
    user="root",
    password="",
    database="films" )
```

3. Executer une requête

```
import mysql.connector

mydb = mysql.connector.connect(
    host="localhost",
    user="root",
    password="",
    database="films")
mycursor = mydb.cursor()
mycursor.execute("SELECT titre from film where année > 2018")
myresult = mycursor.fetchall() #liste
for i in range(len(myresult)):
    print (myresult[i])         # type tuple
    l=list(myresult[i])         # type liste
    print(l)
    print(l[0])                 # type str
```

```
("Star Wars : L'Ascension de Skywalker",)
["Star Wars : L'Ascension de Skywalker"]
Star Wars : L'Ascension de Skywalker
('Parasite',)
['Parasite']
Parasite
>>>
```