**CONEXÃO COM DB:**

#MYSQL

import mysql.connector

from mysql.connector import (connection)

connection = connection.MySQLConnection(

host='127.0.0.1',

port='3306',

user='root',

password='104041122',

database='world')

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#POSTGRES

import psycopg2

conn = psycopg2.connect(

host='10.111.13.177',

port='5432',

dbname='sise',

user='mapa',

password='mapa\_python')

cur = conn.cursor()

cur.execute("SELECT \* FROM adolescentes")

cur.fetchall()

cur.fetchone()

conn.commit()

cur.close()

conn.close()

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#SQLITE3

import sqlite3

connection = sqlite3.connect('db\_cadastro.db')

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#SQLALCHEMY

import sqlalchemy

from sqlalchemy import create\_engine

#SQLite

engine = create\_engine('sqlite:///db\_name.db')

#Postgres:

engine = create\_engine('postgresql://scott:tiger@localhost:5432/mydatabase')

#MySQL:

engine = create\_engine('mysql://username:password@host:port/database\_name')

connection = engine.connect()

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INSERÇÃO DE DADOS NO DB

cursor = connection.cursor()

cursor.execute("CREATE TABLE IF NOT EXISTS table\_name (column\_1 CHAR(35) NOT NULL, column\_2 VARCHAR(11) NOT NULL)")

cursor.execute("INSERT INTO table\_name (column\_1, column\_2. VALUES (%s, %s)", (column\_1, column\_2))

connection.commit()

cursor.close()

connection.close()

#SQLAlchemy

metadata = MetaData(bind=engine)

user\_table = Table('usuarios', metadata,

Column('column\_1', Integer, primary\_key=True),

Column('column\_2', String(40), index=True))

metadata.create\_all()

insert = user\_table.insert()

new\_user = insert.values(column\_1='fabio', column\_2='riodejaneiro')

connection.execute(new\_user)

connection.execute(user\_table.insert(), [

{'nome':'y', 'column\_2':'x'}])

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USANDO OS DB COM OUTRAS BIBLIOTECAS

#pandas

import pandas

df = pd.read\_sql\_query(sql="select \* from table\_name", con=connection)

#flask + SQLalchemy

from flask import Flask, render\_template

from flask\_sqlalchemy import sqlalchemy

app = Flask(\_\_name\_\_)

app.config['SQLALCHEMY\_DATABASE\_URI'] = sqlite://database.db

app.config['SQLALCHEMY\_DATABASE\_URI'] = mysql://username:password@host:port/database\_name

app.config['SQLALCHEMY\_DATABASE\_URI'] = postgresql://username:password@host:port/database\_name

db = SQlAlchemy(app)

db = MySQL(app)

db = Postgres(app)

#Flask + MySql Connector

app.config['DEBUG'] = True

app.config['MYSQL\_HOST'] = 'localhost'

app.config['MYSQL\_USER'] = 'root'

app.config['MYSQL\_PASSWORD'] = '104041122'

app.config['MYSQL\_DB'] = 'PAGINA10'