import psycopg2  
  
con = psycopg2.connect(host='localhost', database='postgres', user='postgres', password=’pswd’)  
with con.cursor() as cur:  
 cur.execute("select \* from test\_table")  
  
 print(cur.fetchall()) # -> list[tuple]  
 # cur.fetchmany(2) -> list[tuple]  
 # cur.fetchone() -> tuple  
  
con.close()

<https://postgrespro.ru/docs/postgresql/9.6/indexes-types>

PostgreSQL поддерживает несколько типов индексов: B-дерево, хеш, GiST, SP-GiST, GIN и BRIN.

transactions:

BEGIN;

UPDATE accounts SET balance = balance - 100.00

WHERE name = 'Alice';

SAVEPOINT my\_savepoint;

UPDATE accounts SET balance = balance + 100.00

WHERE name = 'Bob';

-- oops ... forget that and use Wally's account

ROLLBACK TO my\_savepoint;

UPDATE accounts SET balance = balance + 100.00

WHERE name = 'Wally';

COMMIT;

<https://www.postgresql.org/docs/9.3/sql-prepare.html>