# <https://www.tecmint.com/install-postgresql-and-pgadmin-in-ubuntu/>

# Installing PostgreSQL 12 in Ubuntu 20.04

1. $ sudo apt update
2. $sudo apt install postgresql
3. Check postgresql service status

* Sudo systemctl is-active postgresql
* Sudo systemctl is-enabled postgresql
* Sudo systemctl status postgresql

1. The default data directory is /var/lib/postgresql/12/main  
   the configurations files are stored in the /etc/postgresql/12/main.
2. confirm that the Postgresql server is ready to accept connections from clients

$sudo pg\_isready

# Creating Database in PostgreSQL

## Run PgAdmin4.exe

C:\Program Files\PostgreSQL\12\pgAdmin 4\bin\pgAdmin4.exe

PostgreSQL

Go to C:\Program Files\PostgreSQL\11

(1) -> run pg-env.bat

(2) ->pg\_ctl -D "C:\Program Files\PostgreSQL\11\data" start (restart, stop)

if not starting, first run pg\_ctl -D C:\Program Files\PostgreSQL\11\data stop

then run first run pg\_ctl -D "C:\Program Files\PostgreSQL\11\data" start

start Psql:

> psql -U postgres -d dbname OR > psql --userame postgres --dbname testdb

>psql -U winter -d testdb OR >psql -U winter -d winndb\_poll

> psql -d testdb

SELECT \* from users;

SELECT \* FROM users WHERE name LIKE 'a%'; /\* 'a\*' does not work \*/

SELECT \* FROM users ORDER BY score ASC;

SELECT \* FROM users JOIN login ON users.name = login.name;

INSERT INTO users (name, age, birthday) values ('andrei', 31, '1930-01-25');

UPDATE tablename SET some\_column = some\_value WHERE some\_name = name

UPDATE users SET score = 75 WHERE name = 'john';

UPDATE accounts SET contact\_first\_name = first\_name,

contact\_last\_name = last\_name

FROM salesmen WHERE salesmen.id = accounts.sales\_id;

DELETE FROM users where name='jenny';

\l - list all the databases

\c database - connect to a database

\d - display tables in the database.

\d tablename - describe the table

\du - list all users

CREATE TABLE users (name text, age smallint, birthday date);

ALTER TABLE users ADD score smallint;

DROP TABLE login;

c:\>chcp 1252,