SETTING UP THE DATABASE

# Install PostGreSQL and pgAdmin 4

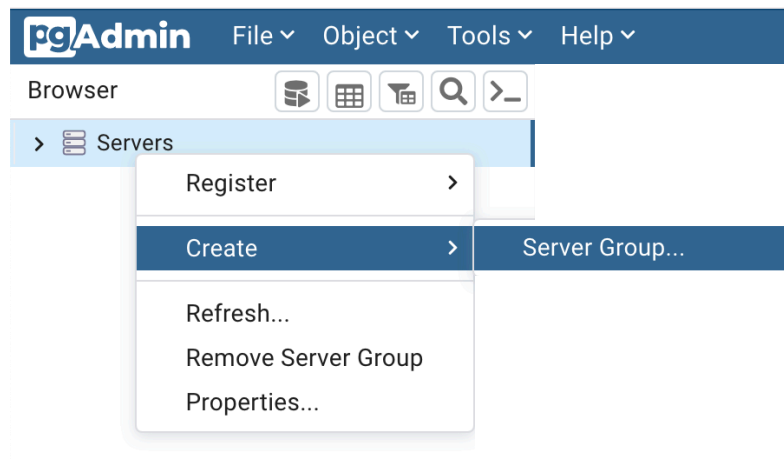Follow this link (https://www.postgresql.org/download/), select your operating system, and download the latest version of the EDB installer for PostGreSQL. Once it's fully downloaded, execute the file and follow the installation instructions. Choose the default port number given: 5432.

Navigate to this website (https://www.pgadmin.org/download/) and select your operating system. Choose the latest version, then click on the .dmg file to download it. Open the file and follow the installation instructions.

# Create a Local Server

Find pgAdmin 4 on your computer and open it. Set a master password.

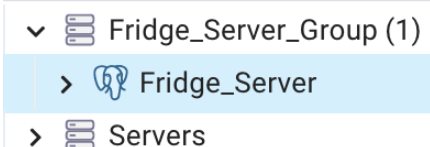Right click on "Servers" and select "Create > Server Group…"



Name the server group `Fridge_Server_Group` then select "Save."

Right click the server group and choose "Register > Server".

- In the "General" tab, name your new server `Fridge_Server`.
- In the "Connection" tab, specify the hostname as "localhost" and supply your master password in the "Password" field.
- Click "Save" to create your new server.

Make sure to **remember the password**—you'll need it later!

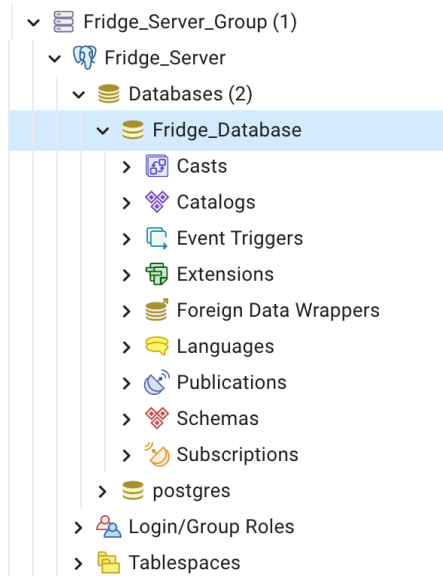Once you've set up the server, the left-hand panel should look like this:

# Create the Database

Under your `Fridge_Server`, right click "Databases" and select "Create > Database".

- In the "General" tab, name your database `Fridge_Database`.

- In the "SQL" tab, you'll see the auto-generated SQL script for creating this database.

```
CREATE DATABASE "Fridge_Database"
    WITH
    OWNER = postgres
    ENCODING = 'UTF8'
    CONNECTION LIMIT = -1
    IS_TEMPLATE = False;
```

- This code will serve our needs, so there's no need to modify it!

- Click "Save" to create the database.

Congrats, you're done creating the database! Your left-hand panel should look like this:

```
∨ ⊟ Fridge_Server_Group (1)
  ∨ 🐘 Fridge_Server
    ∨ 🗄 Databases (2)
      ∨ 🗄 Fridge_Database
        › 🔧 Casts
        › 🎴 Catalogs
        › 🗗 Event Triggers
        › 🔌 Extensions
        › 🗄 Foreign Data Wrappers
        › 💬 Languages
        › 📡 Publications
        › 🎴 Schemas
        › 🌀 Subscriptions
      › 🗄 postgres
    › 🗂 Login/Group Roles
    › 🗂 Tablespaces
```

You may need to expand the menu under your database by clicking the arrow next to its name.

```
∨ ⊟ Fridge_Server_Group (1)
  ∨ 🐘 Fridge_Server
    › 🗄 Databases
    › 🗂 Login/Group Roles
    › 🗂 Tablespaces
```