Setup Directions

Advanced SQL and Cloud

NASHVILLE SOFTWARE SCHOOL

Install PostgreSQL and pgAdmin

Important: If you already have postgres and pgAdmin installed, skip this slide. There is no need to reinstall, and it can make it more confusing if you have multiple installations.

- Download and install the latest version of PostgreSQL for your OS:
  https://www.enterprisedb.com/downloads/postgres-postgresql-downloads
    - For Mac and Windows 64-bit, this will be Version 18.0
    - Linux users will need to use the following link: https://www.postgresql.org/download/. You will also need to install pgAdmin. Installation instructions can be found here: https://www.pgadmin.org/download/.
- During installation you can accept all the defaults **except** you can uncheck **Stack Builder** on the **Select Components** menu
- When asked for a database password, use **postgres**
- Confirm the port number is **5432**

Very important to use this password!

*Note: Since this is not secure data, we can set our passwords to **postgres**. This is not something you would do with secure data in a production environment*

NASHVILLE SOFTWARE SCHOOL

Launch pgAdmin

- Either search for **pgAdmin** in the search bar or navigate to it in your file browser
- Once launched, it will prompt you for a password, which you should have set to **postgres** during the install.

Unlock Saved Passwords ✕

Please enter your master password.
This is required to unlock saved passwords and reconnect to the database server(s).

| |
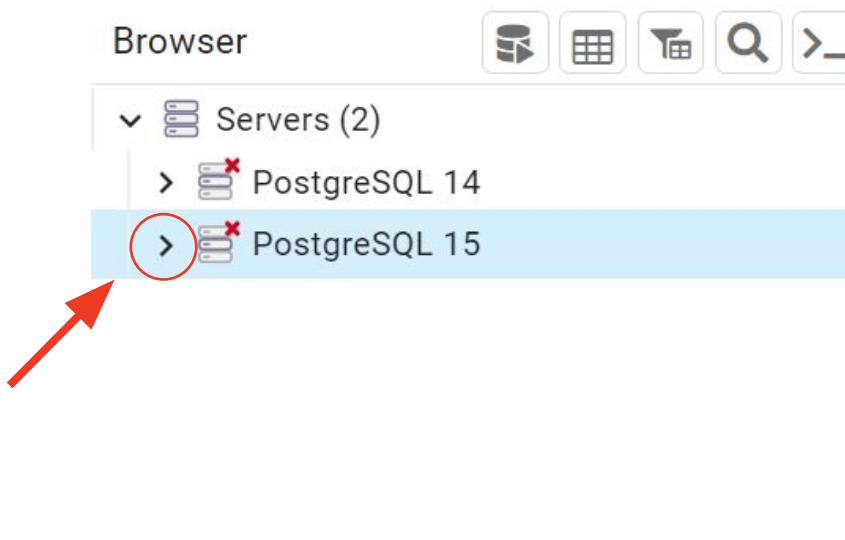
❓ 🗑 Reset Master Password   ✕ Cancel   ✓ OK

NASHVILLE ⬡ SOFTWARE SCHOOL
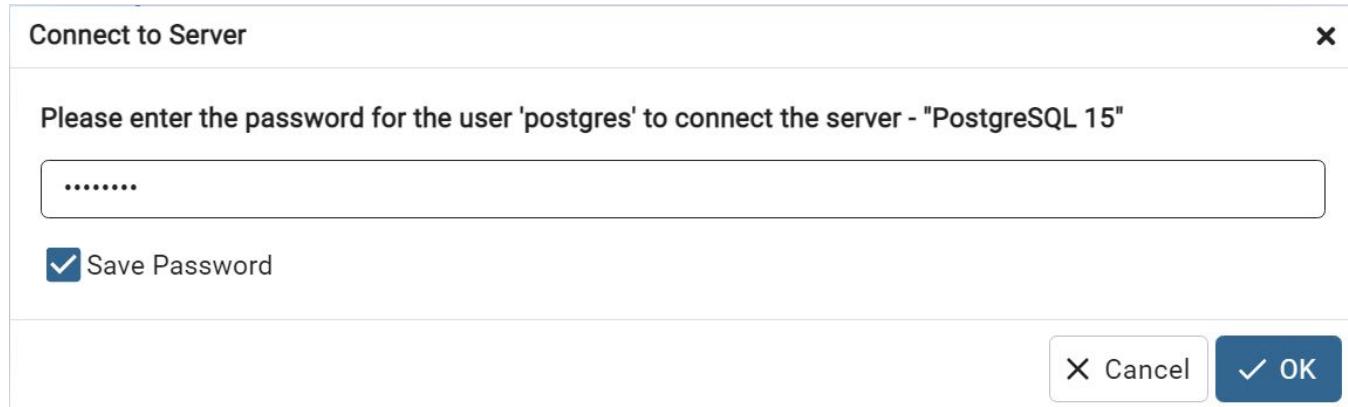
Access Server

- Click the arrow next to **PostgreSQL 16** in the left hand menu
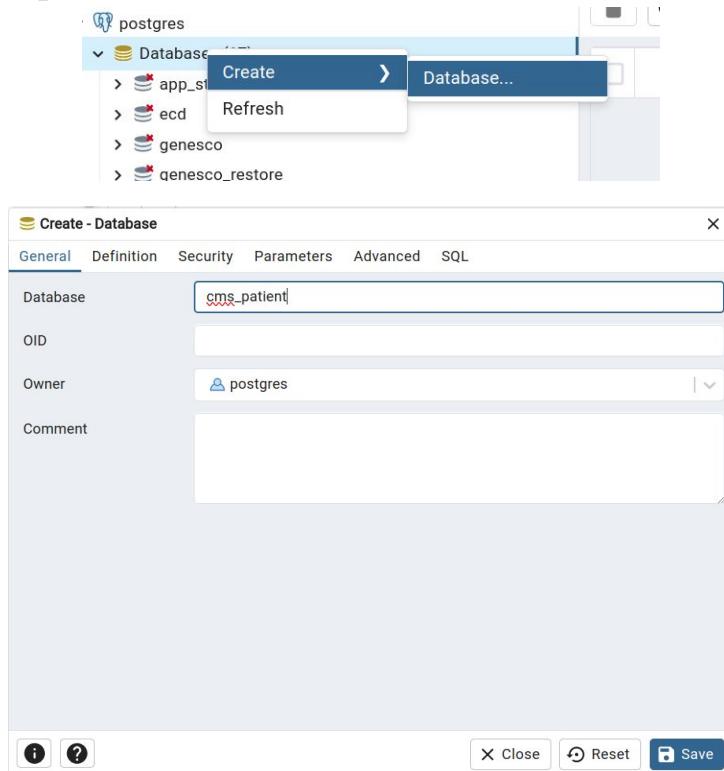
Access Server

- You will be prompted to enter a password for the server, which is also **postgres**
- Check the **Save Password** box so you won't be asked for a password at this stage again
- Click **OK**

Connect to Server ✕

Please enter the password for the user 'postgres' to connect the server - "PostgreSQL 15"

    ••••••••

☑ Save Password

✕ Cancel   ✓ OK

NASHVILLE ◯ SOFTWARE SCHOOL
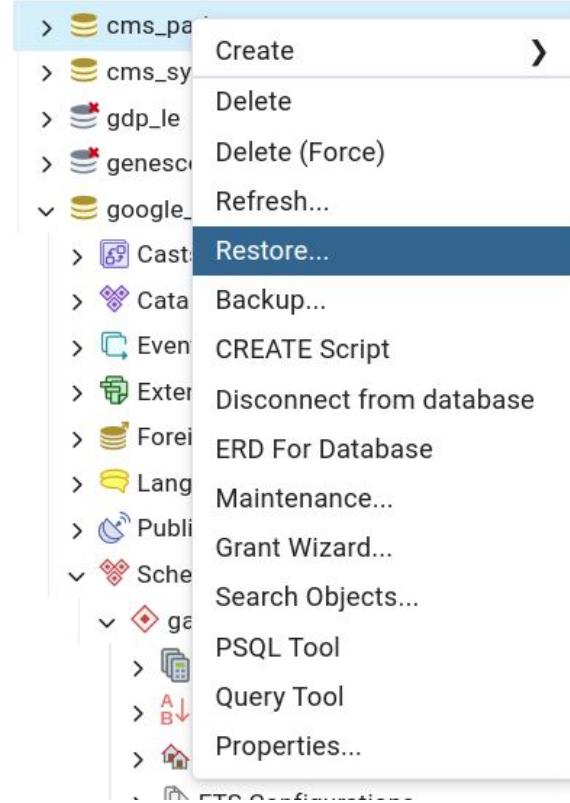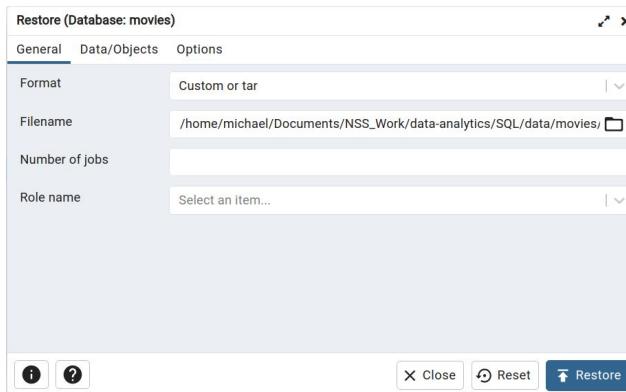
Restoring from a Backup

- Download the cms_patient backup file from here.
- Right-click on Databases and select Create > Database…
- In the dialog box that pops up, fill in the Database name: cms_patient
- Click Save in the bottom right.

NASHVILLE SOFTWARE SCHOOL
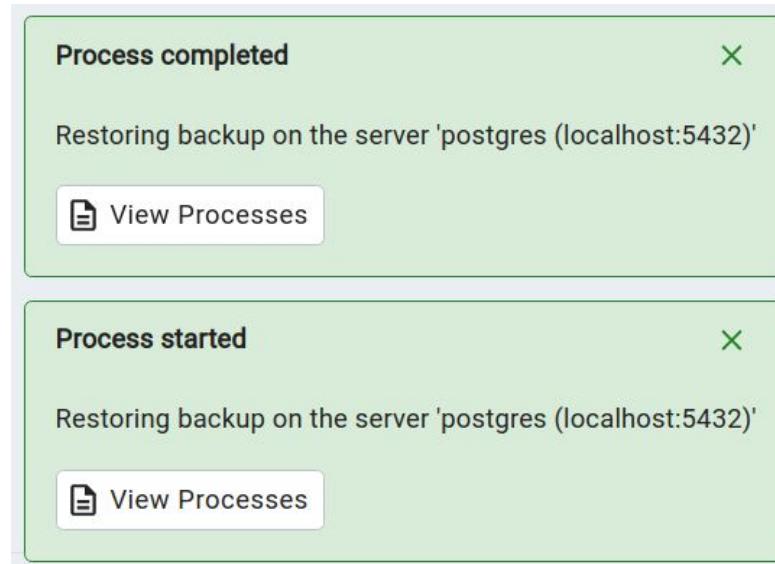
Restoring from a Backup

- Right-click on the newly-created database and select "Restore..."
- Set the Format to "Custom or tar" and then click the folder icon and navigate to wherever you saved the backup file.
- Finally, click "Restore".

NASHVILLE ◯ SOFTWARE SCHOOL

Success!

- Your database should be restored and you should get a similar success message.

Confirm the Restore

Open the query tool in your newly-restored database and run

      SELECT COUNT(*)
      FROM person;

This should show that there are 100,000 rows.