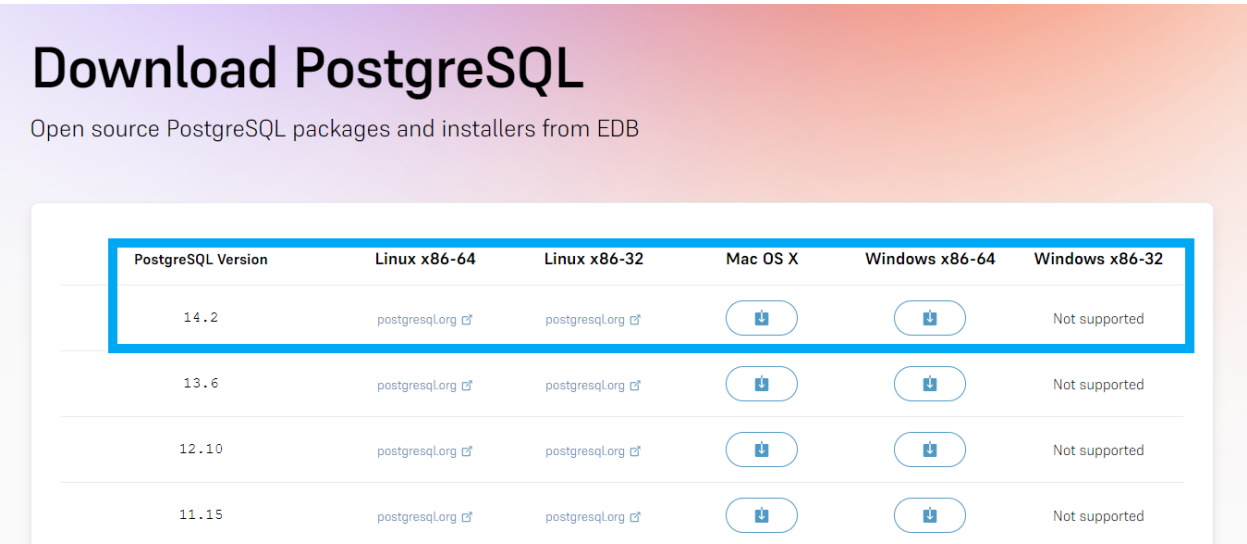
# Installation of PostgreSQL

1.) Go to: https://www.enterprisedb.com/downloads/postgres-postgresql-downloads
Download PostgreSQL 14.

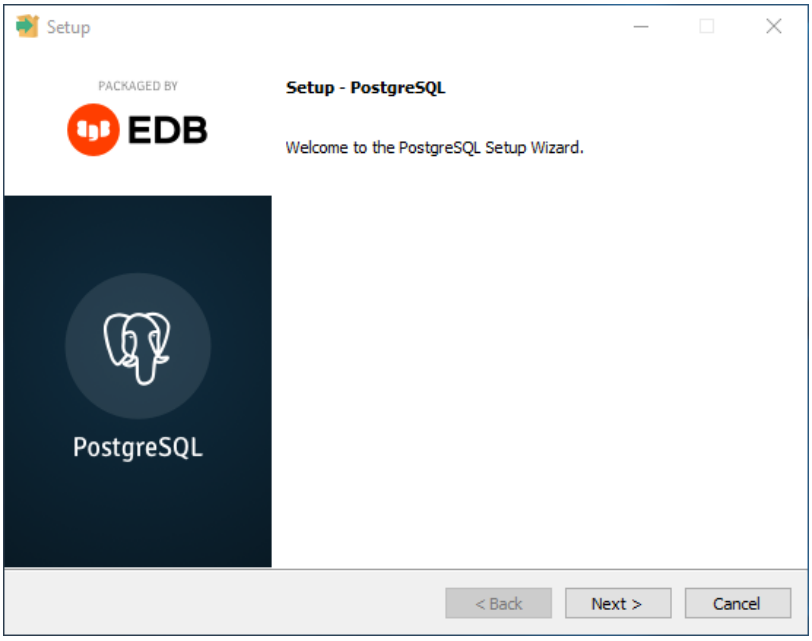



Make sure to select whichever version Operating System you are using (either Mac or Windows). If you are on Windows, and are unsure about whether you are using a 32-bit or 64-bit machine, you can open the Settings app by pressing Windows+I, and then head to System > About. On the right side, look for the “System type” entry:

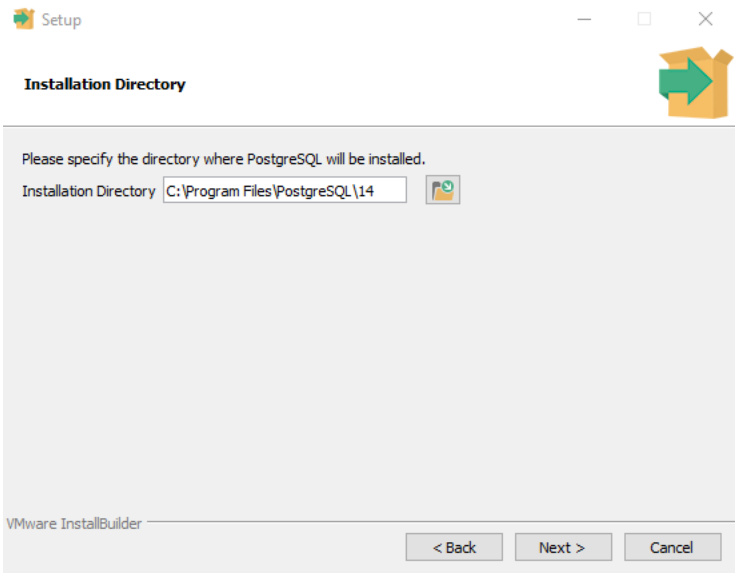
**For Windows users:**

2.) **Open the file you just downloaded** in step 1.

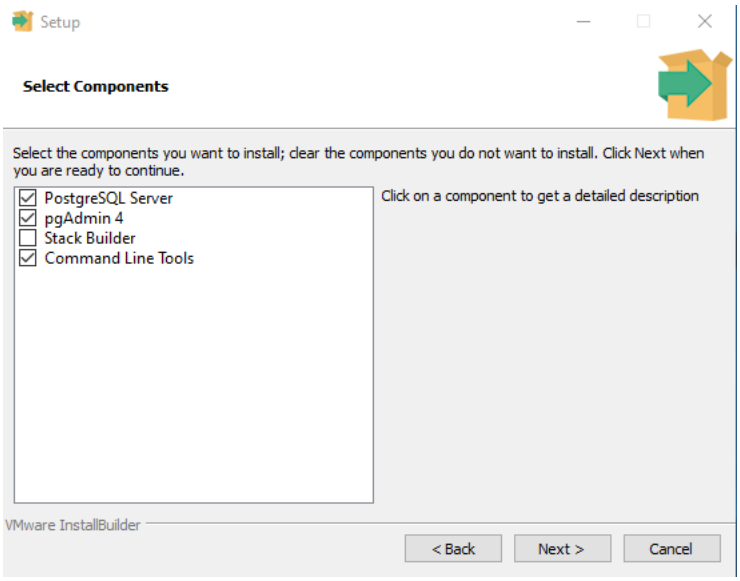
When launching the installation, you should see the following screen:



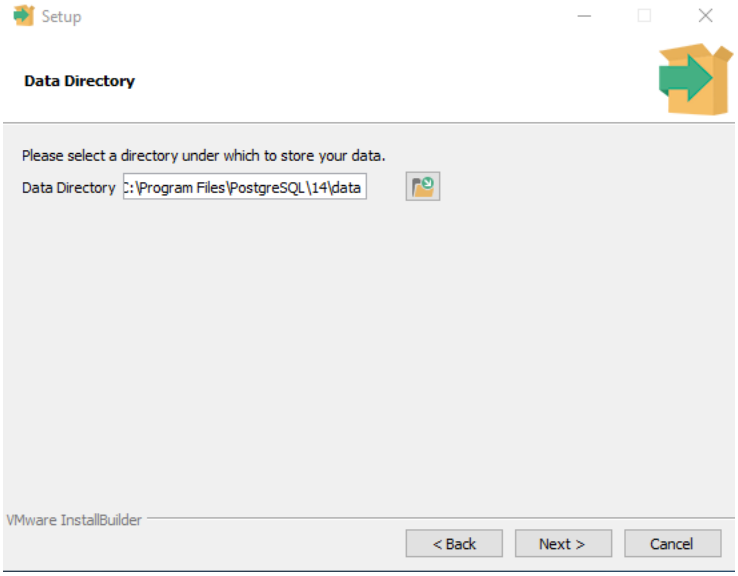

3.) Follow the instructions on the screen. When prompted for Installation Directory, just save to the default location which will most likely be under program files.



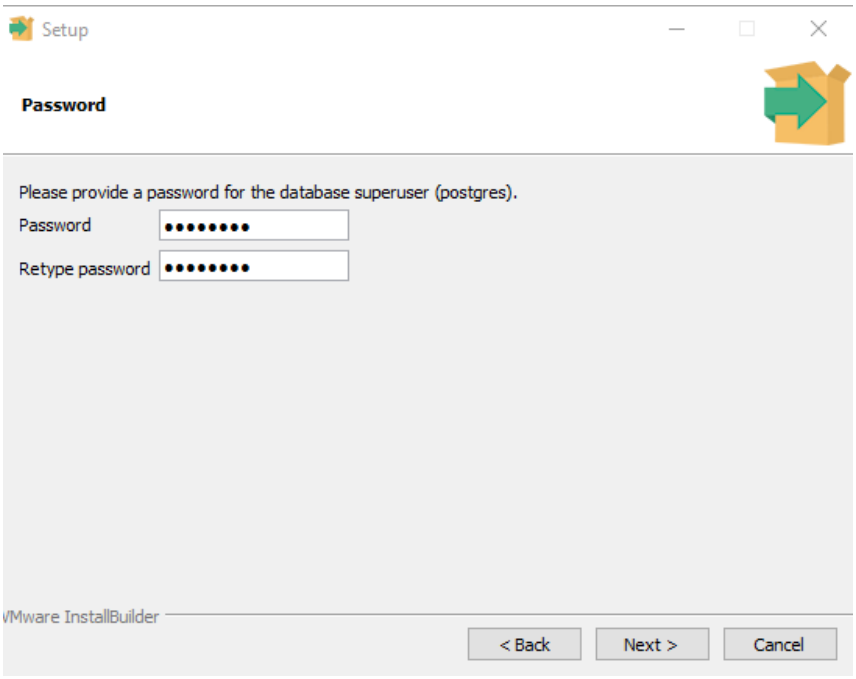

4.) When you are prompted for what to install, uncheck **Stack Builder**:



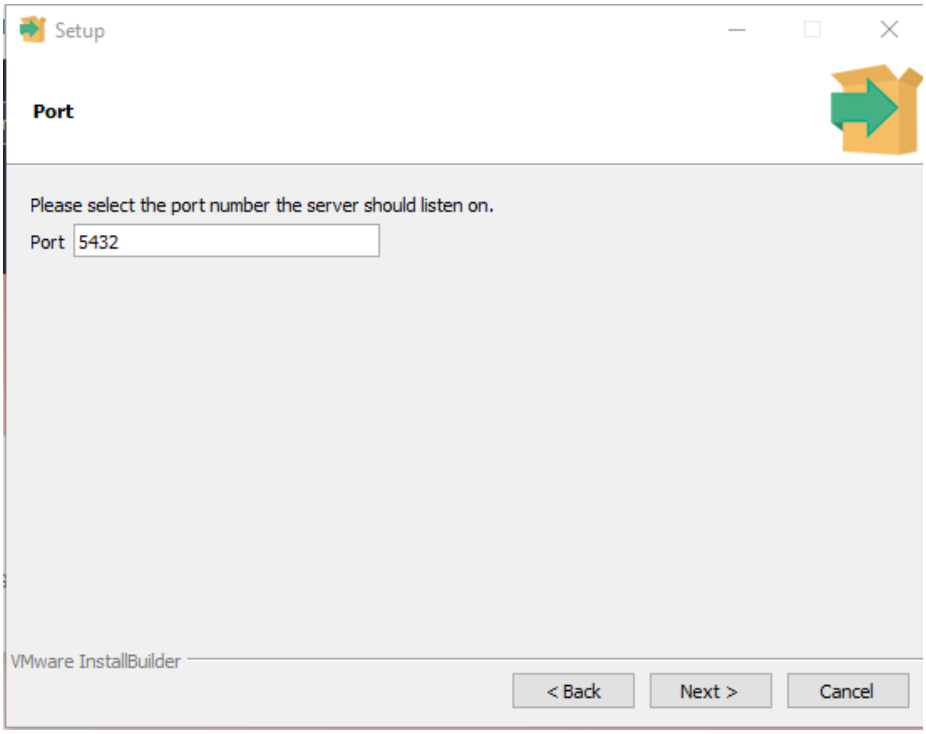

5.) You will then be prompted to choose a Data Directory. Again, the default is fine:



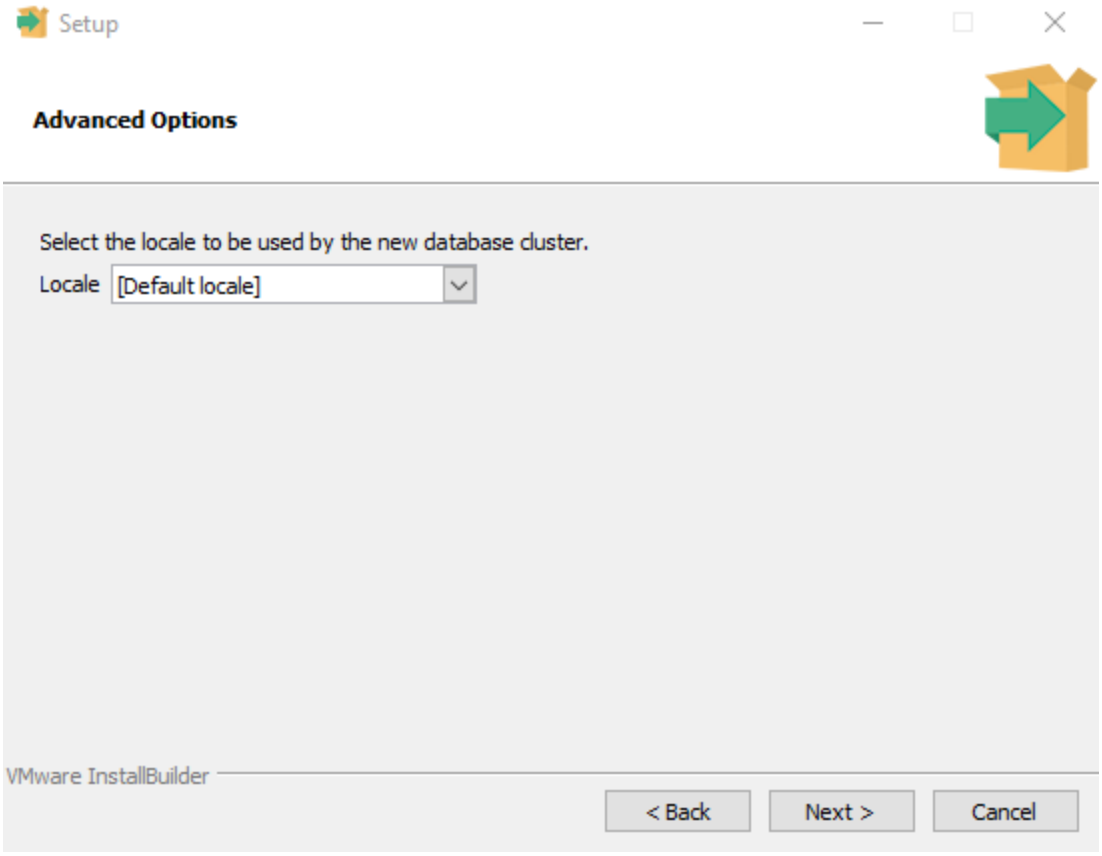

6.) **Password** for superuser is important - make sure to choose something you will remember! Failure to remember your password will result in needing to uninstall and then reinstall. Helpful to use “password” for your password for this workshop.



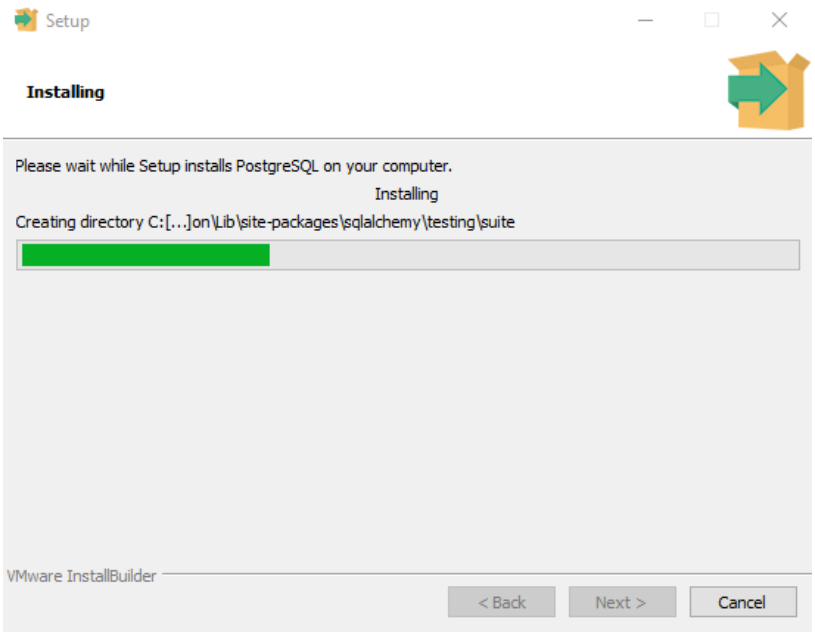

7.) **Port**: For now, let's just keep it at the default (5432).



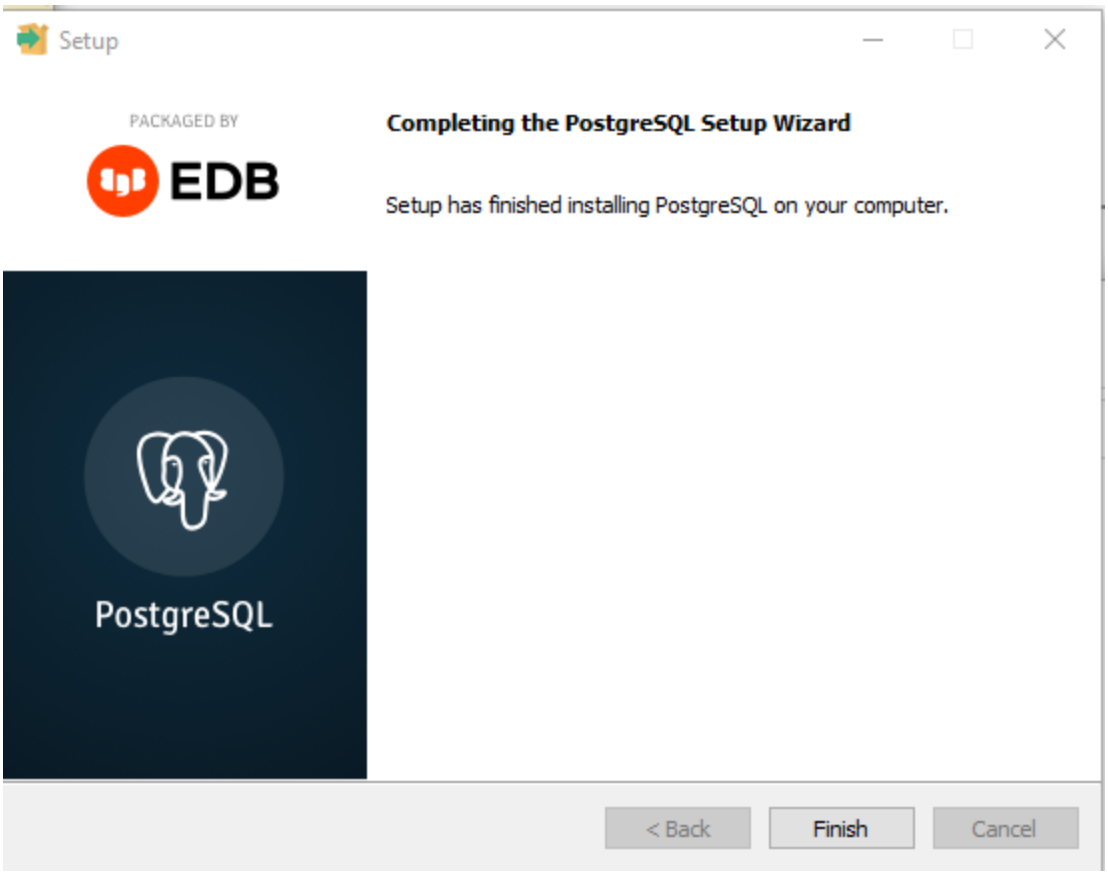

8.) **Advanced options** for now you can just choose the “Default” setting:




9.) Click next through the remaining prompts to begin the **install**. The installation should not take more than a few minutes.

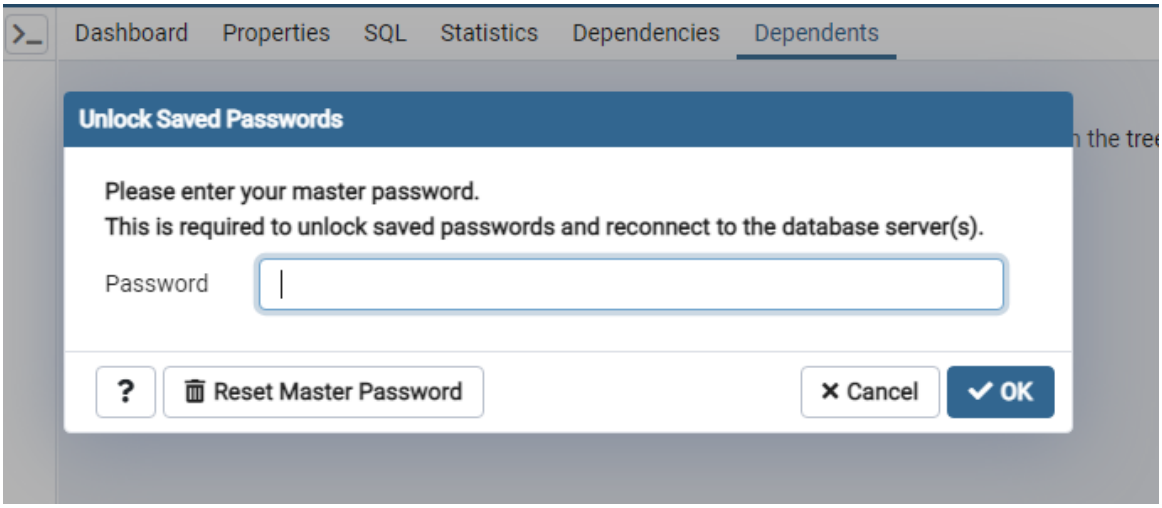



10.) Completing the PostgreSQL Setup.



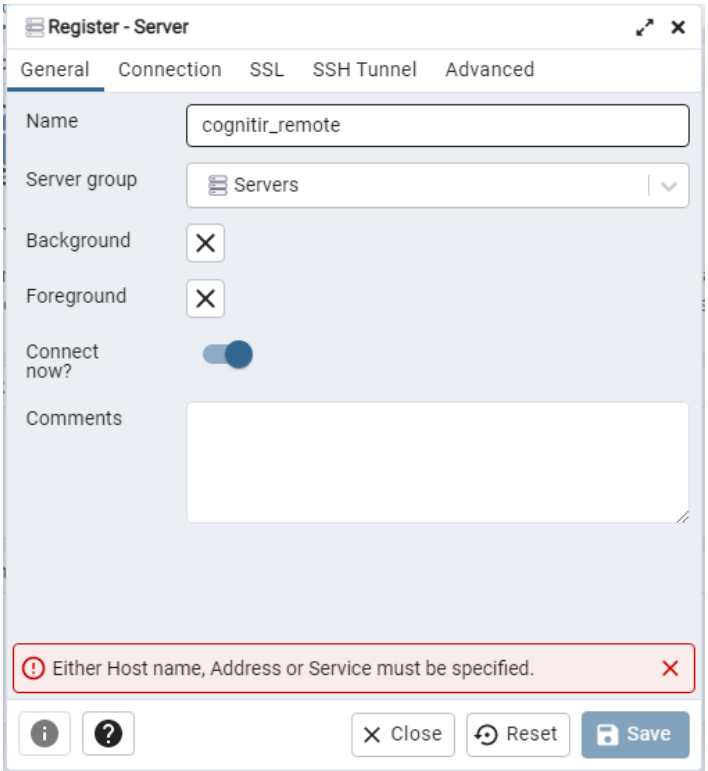

## Remote Database Setup Using pgAdmin4

1.) Open pgAdmin 4 from the start menu.
2.) Enter the password you created during installation.




3.) **Server**: Click Add New Server in the Dashboard:


4.) On the general tab, give the server a name:




5.) On the **Connection** tab, enter the information:

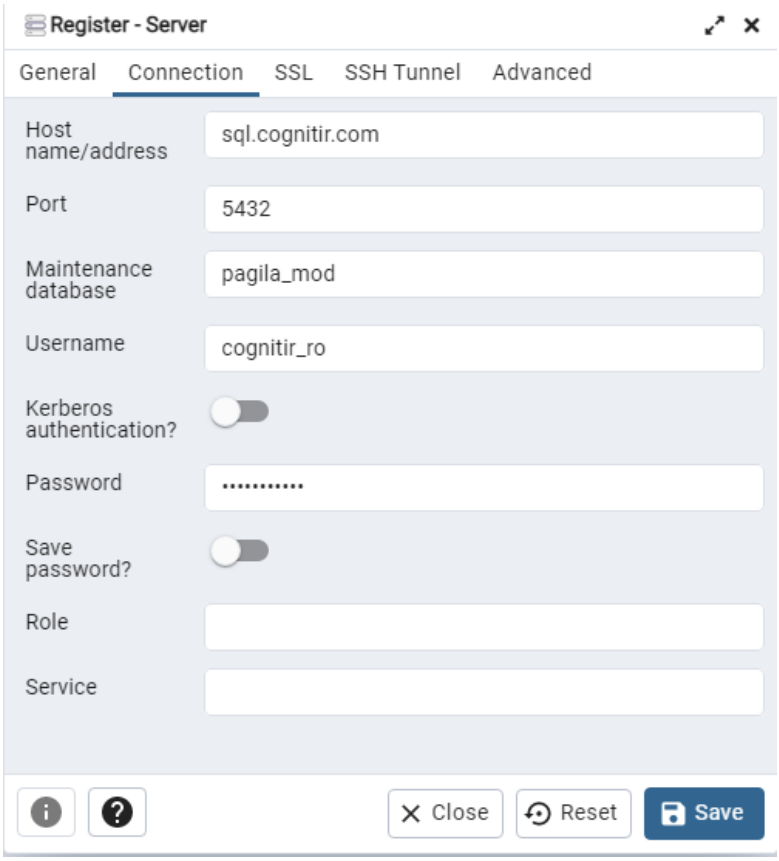
Host: sql.cognitir.com

Maintenance Database: pagila_mod

User: cognitir_ro

Password: cognitir_ro

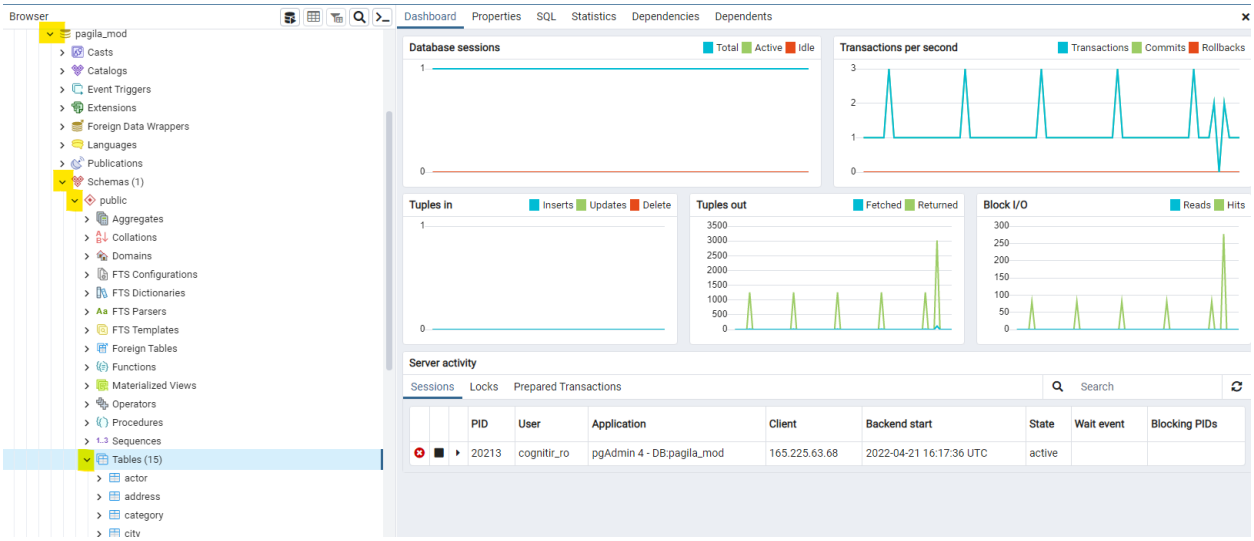
Then click **Save.**



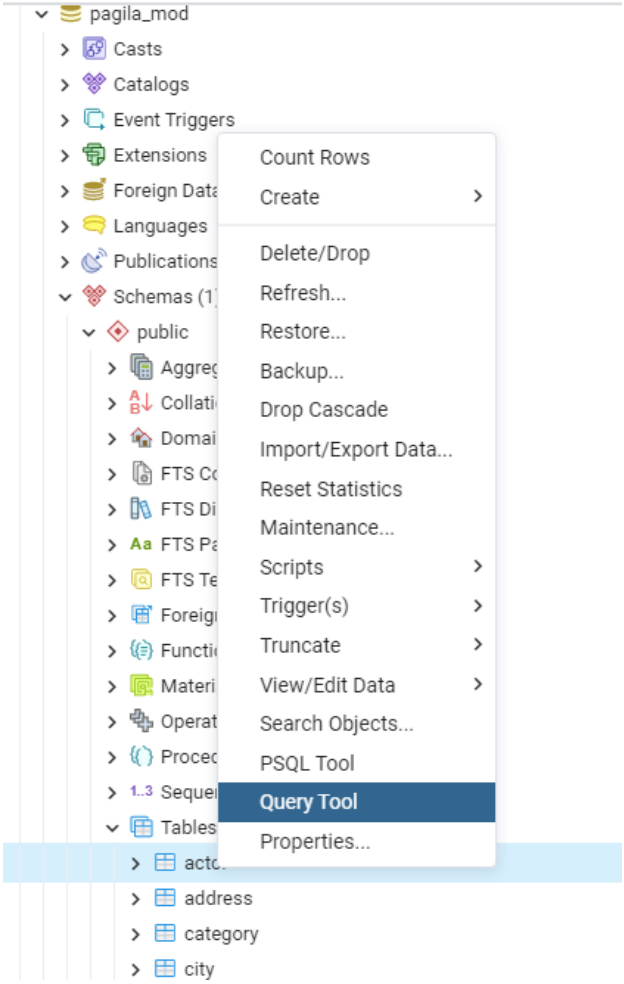

As you can see the screen shot, remote server cognitir_remote is created and some databases loaded e.g. pagila_mod.

6.) Click Databases.

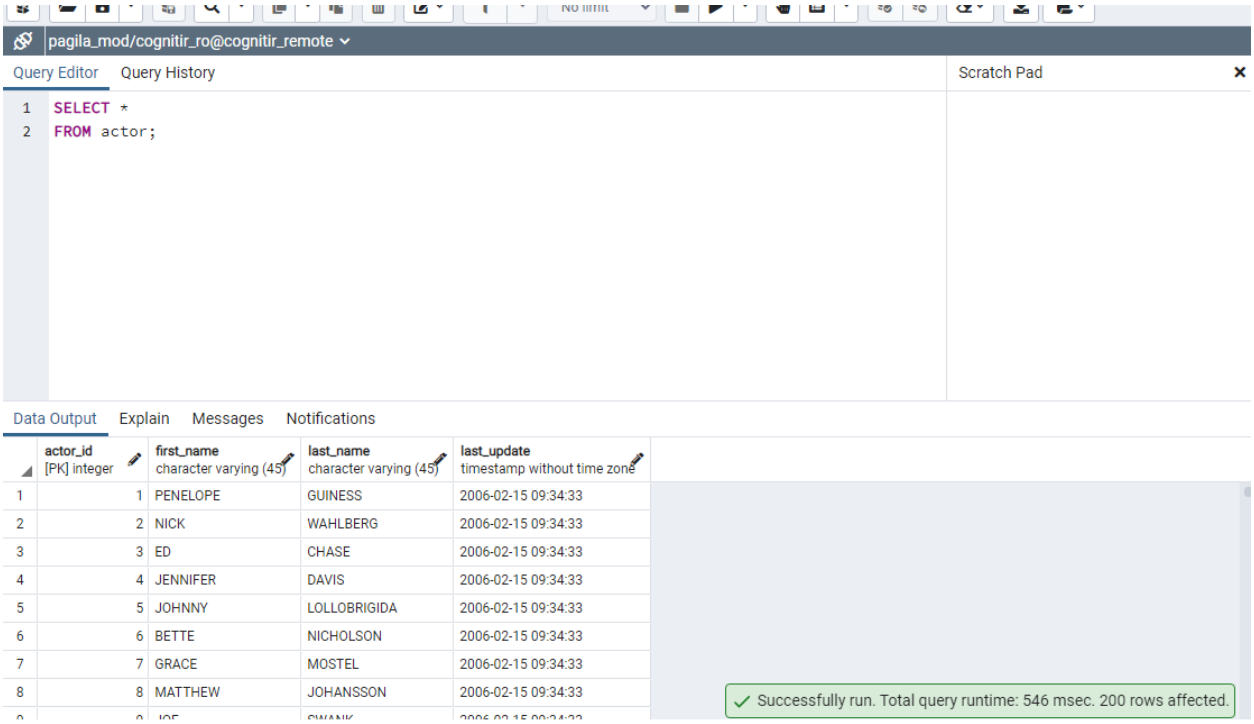
**7.)** Then click on pagila_mod, Schemas and Tables, you will see the following:




8.) You're now ready to start writing your first SQL query. Right click on the actor in Tables in pagila_mod), and then click the query tool.



9.) When the **Query Editor** pops up, write in a sample SQL query (**SELECT * FROM actor**;) and then click the play button. Your query will be executed, and you will see the following:




If you get results returned (bottom of the screen), you're all set to begin learning SQL!