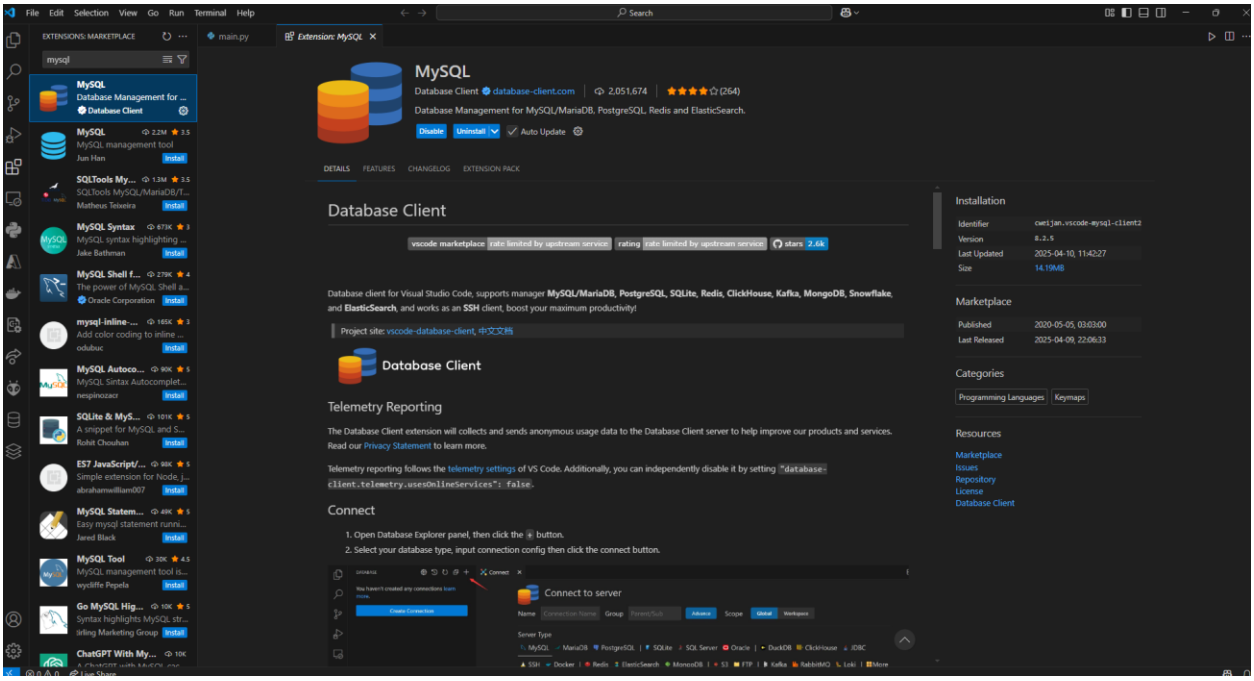
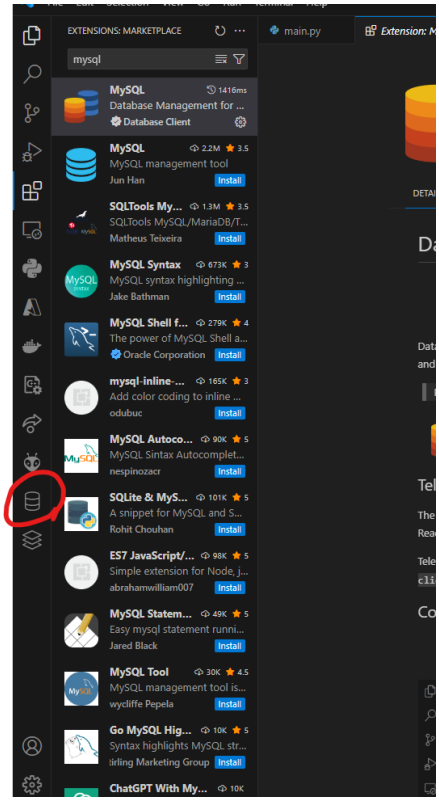
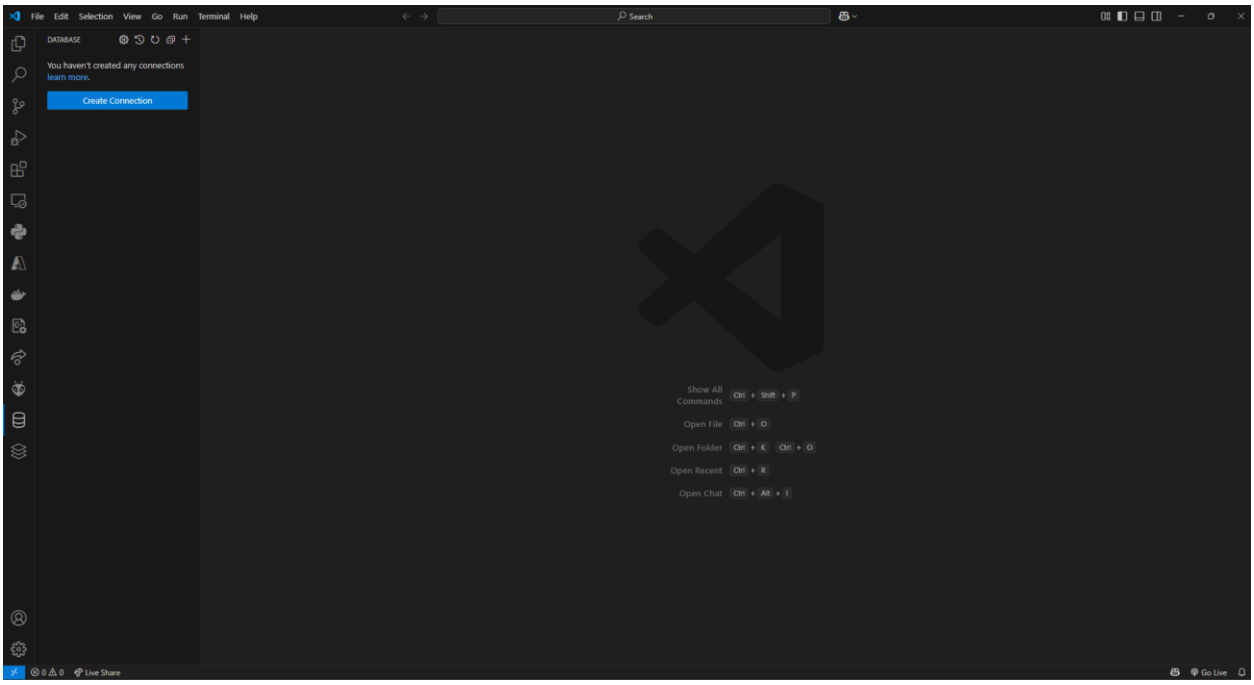
Step 1: Make sure that you have the correct MySQL extension for Visual Studio Code. It should be the one shown below:



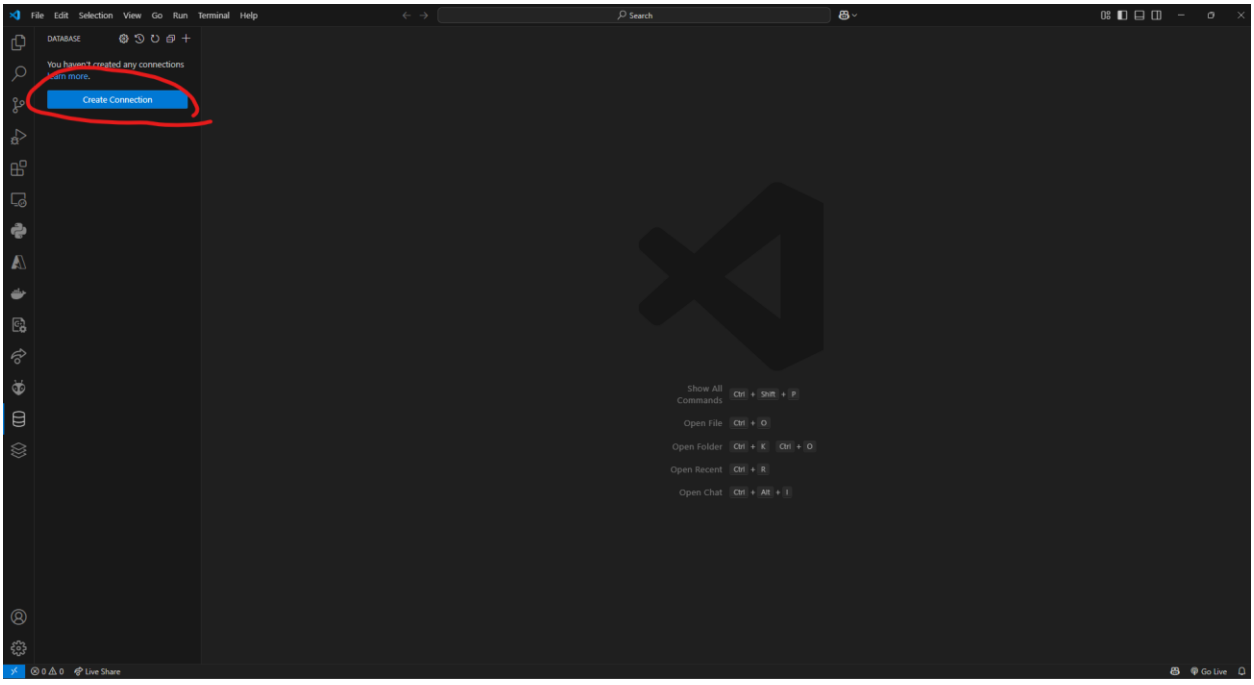
Step 2: After downloading that addon, there will be this button on the side (circled in red below)



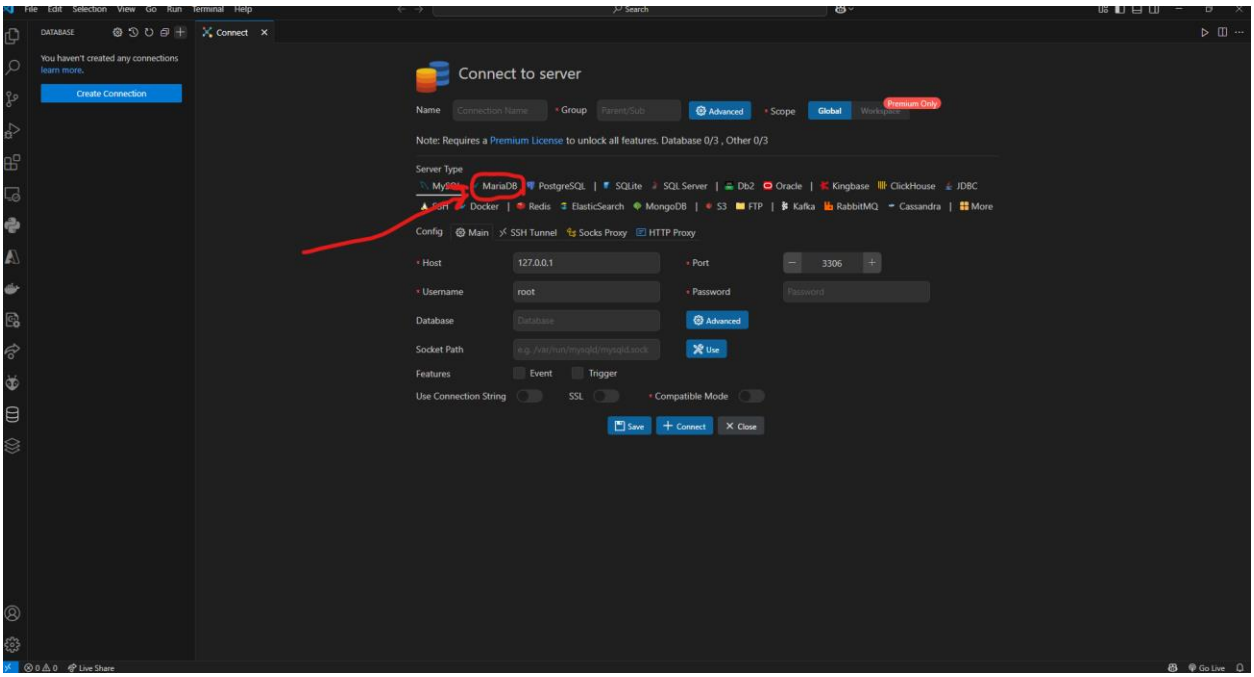
Step 3: Click on that button, and you should see a page similar to the one below.



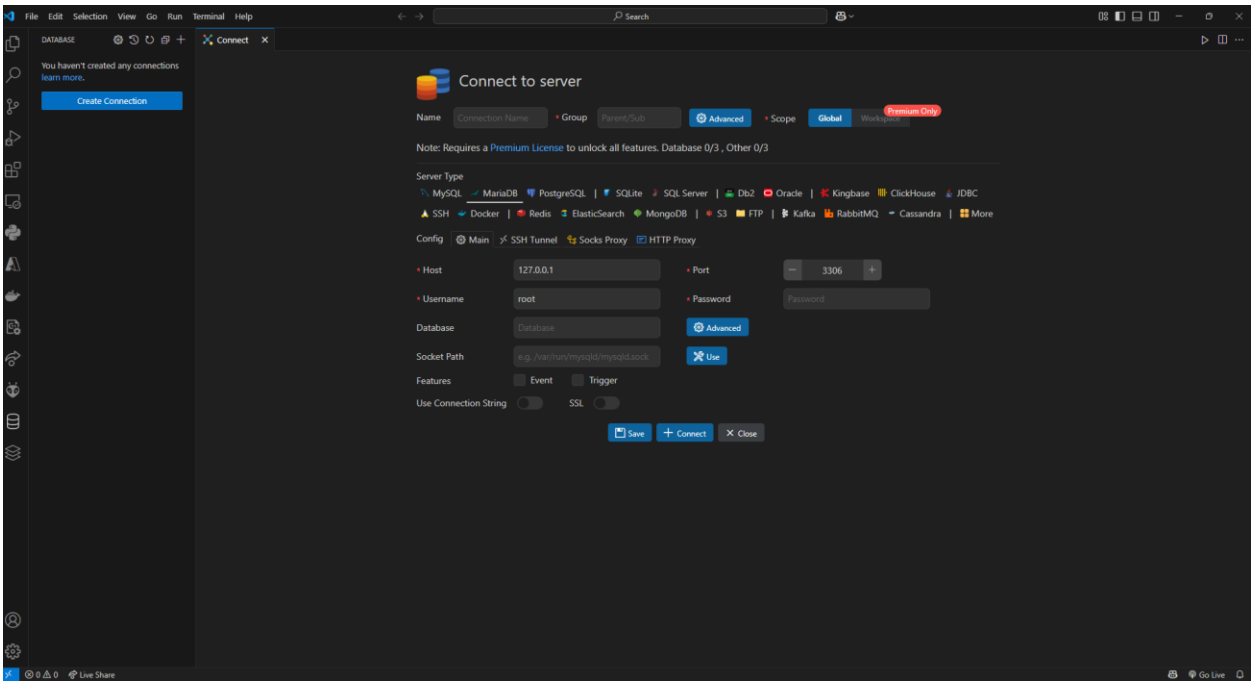
Step 4: Click the “create connection” button circled below



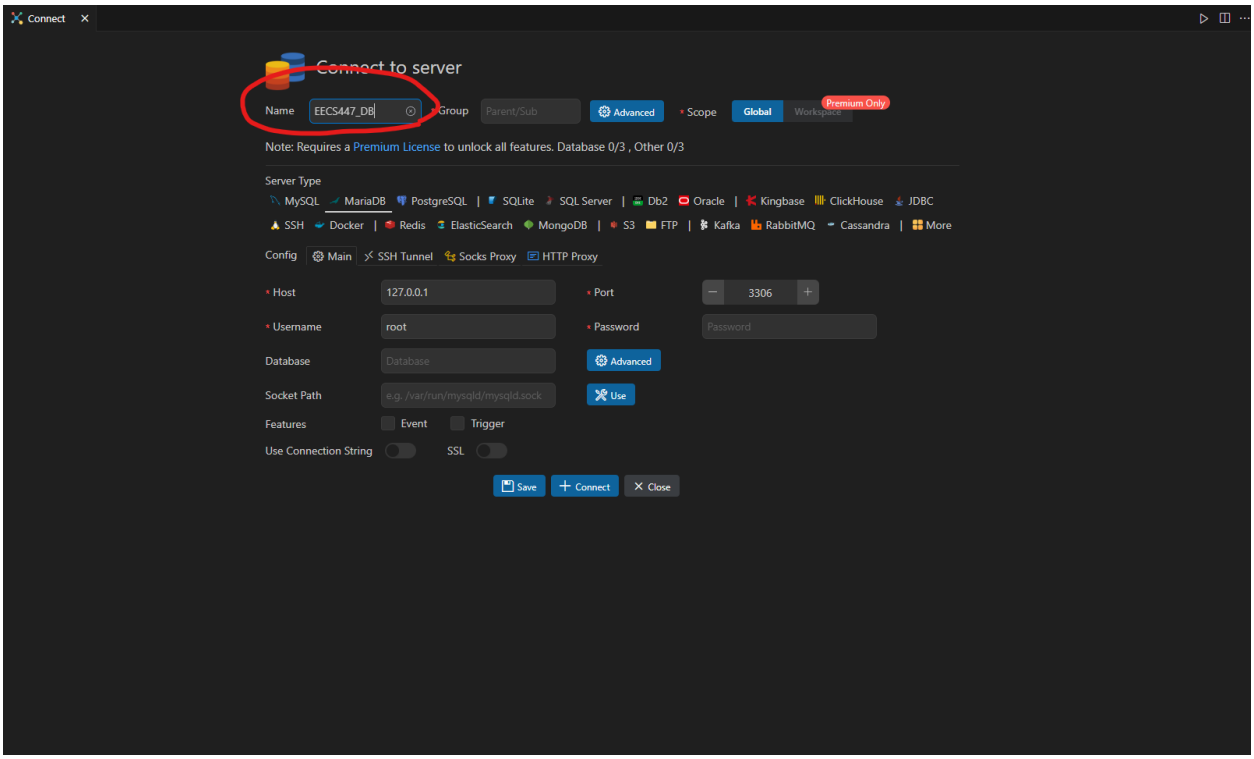
Step 5: You should see a page like this now. Click “MariaDB” from the server type (circled below)



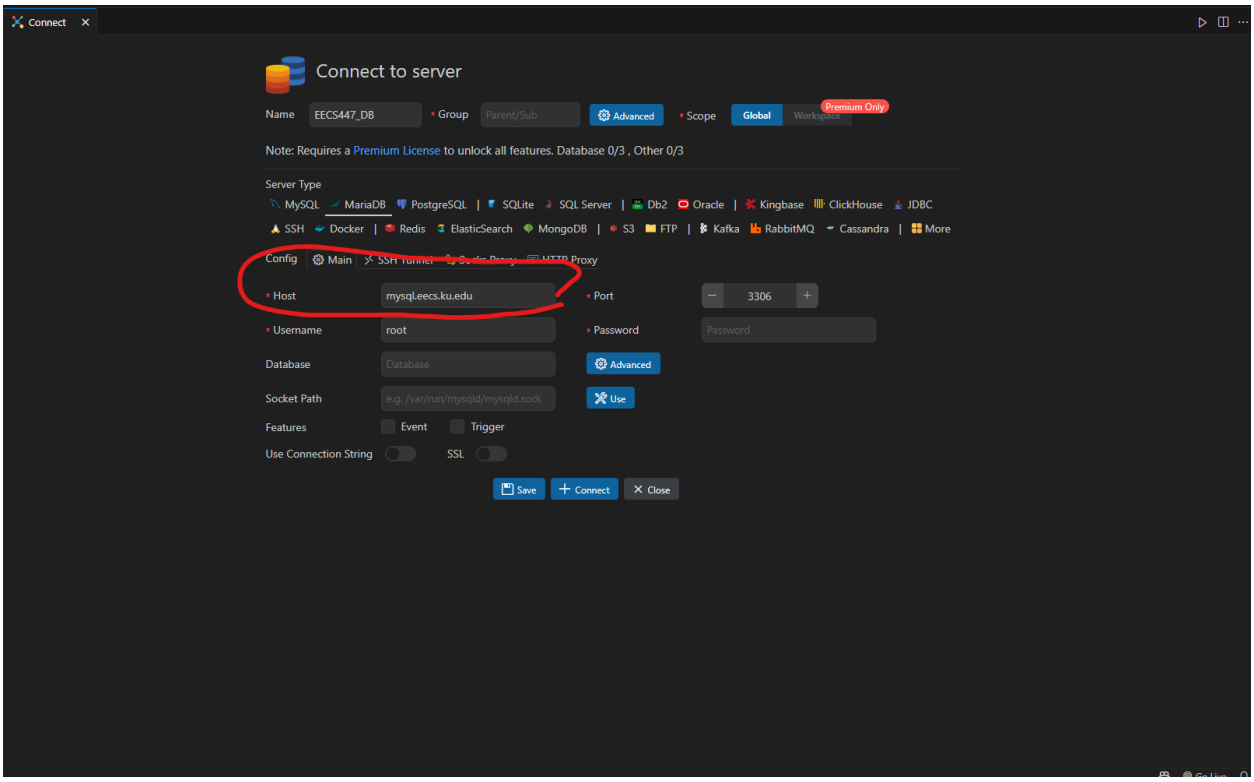
Your page should now look like this:



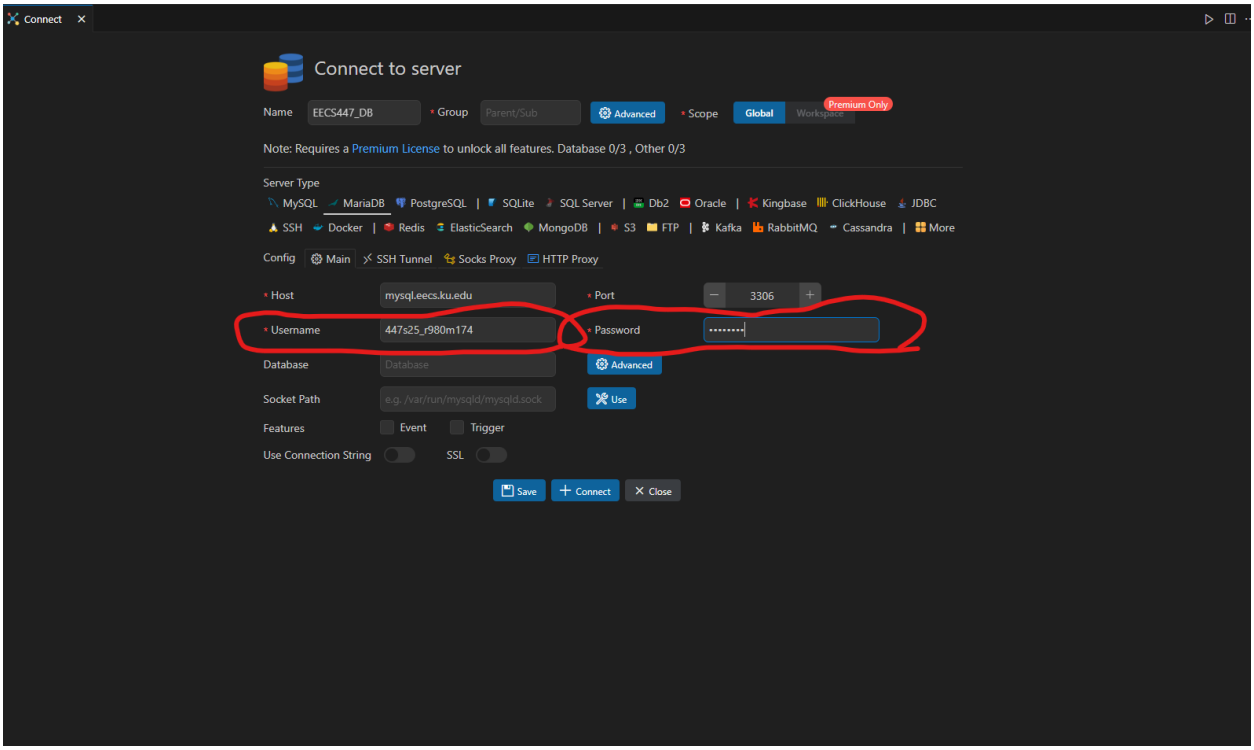
Step 6: Type in the “Name” field at the top with any name you want (I went with EECS447_DB)



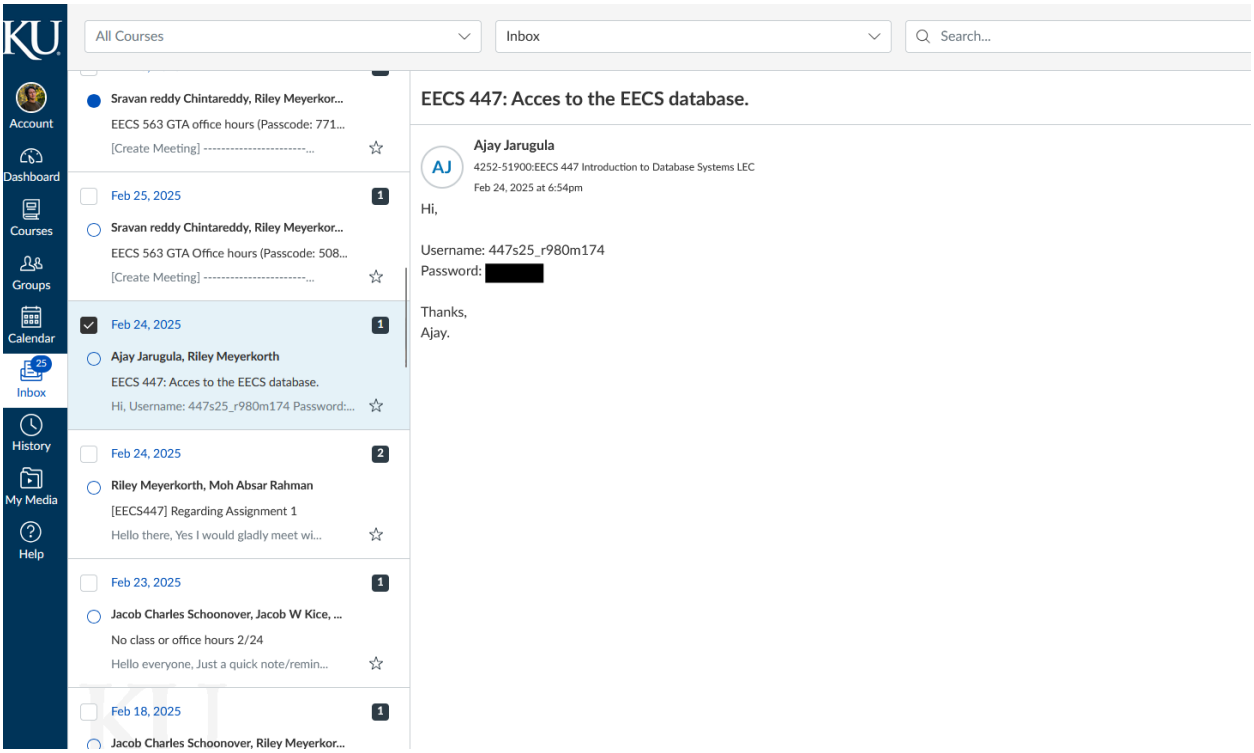
Step 7: Put in the “Host” field “mysql.eecs.ku.edu”



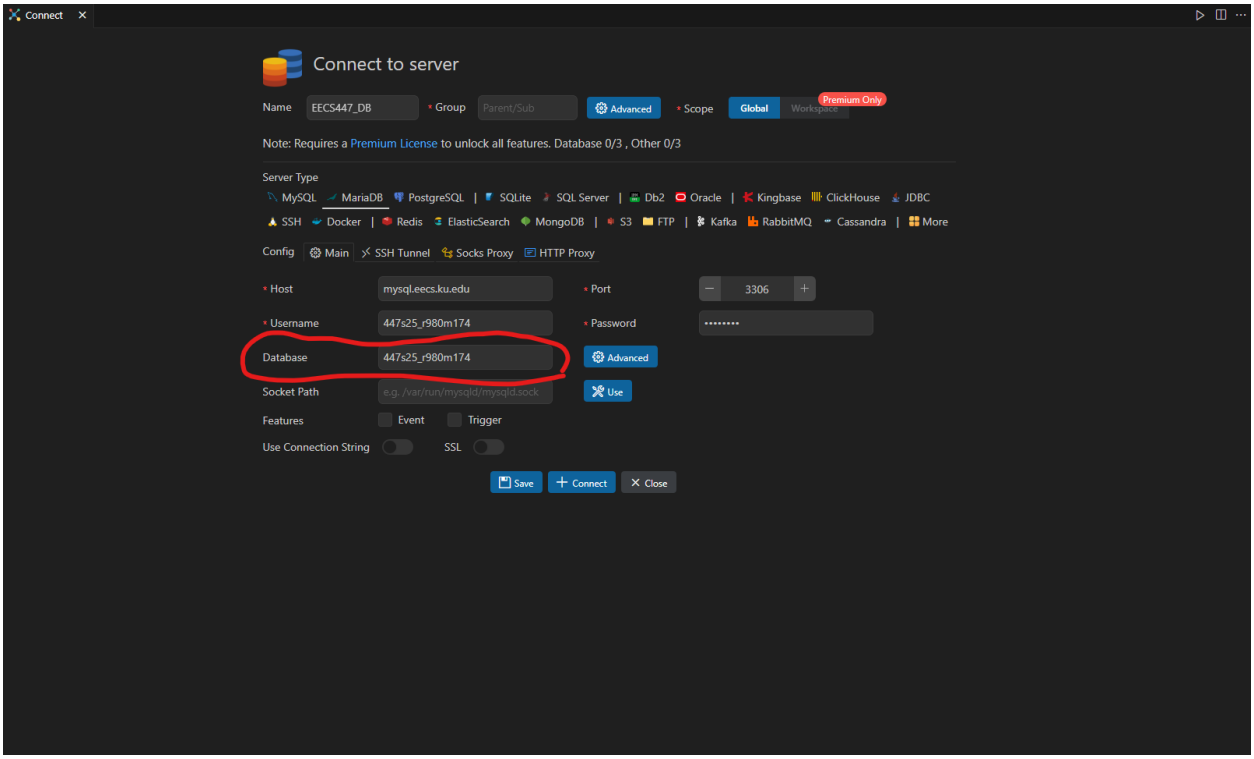
Step 8: Put your given database username and password into the username and password fields



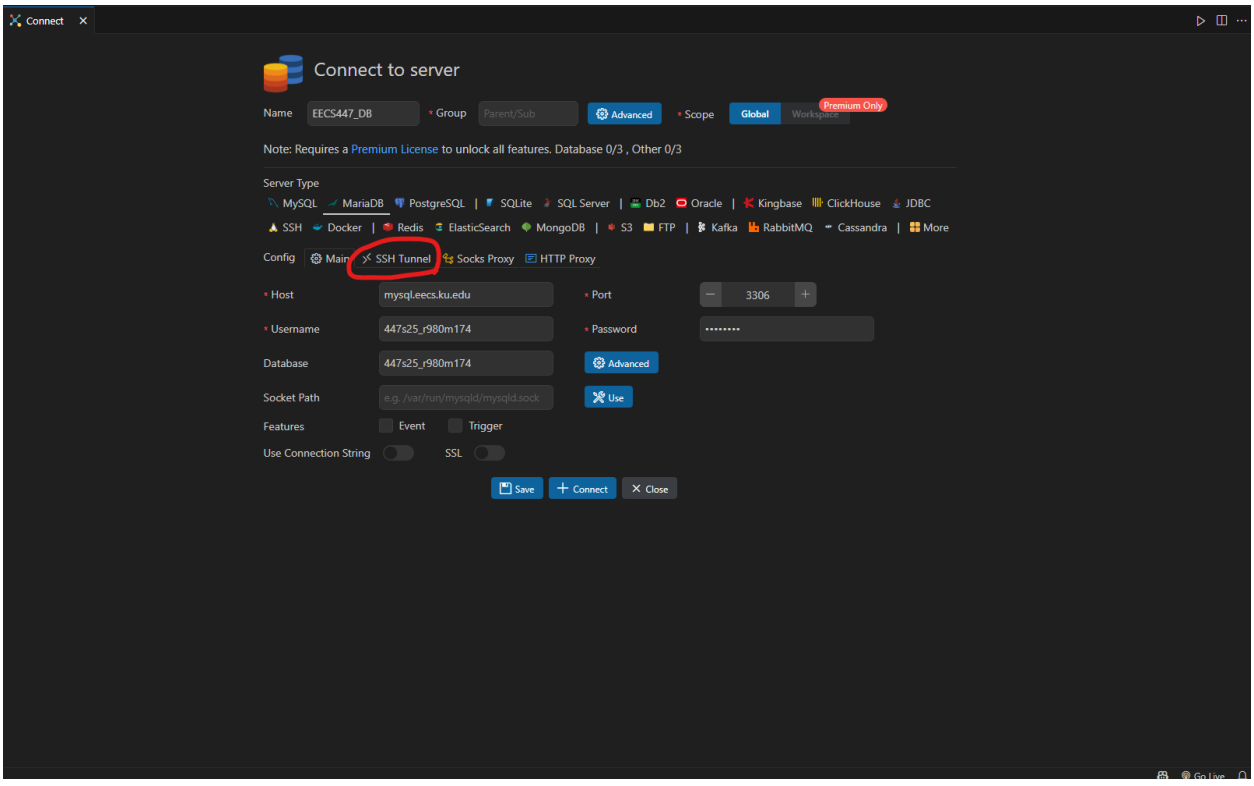
You should have gotten these credentials from a TA on Canvas in a message like below. It should be in your Canvas inbox.



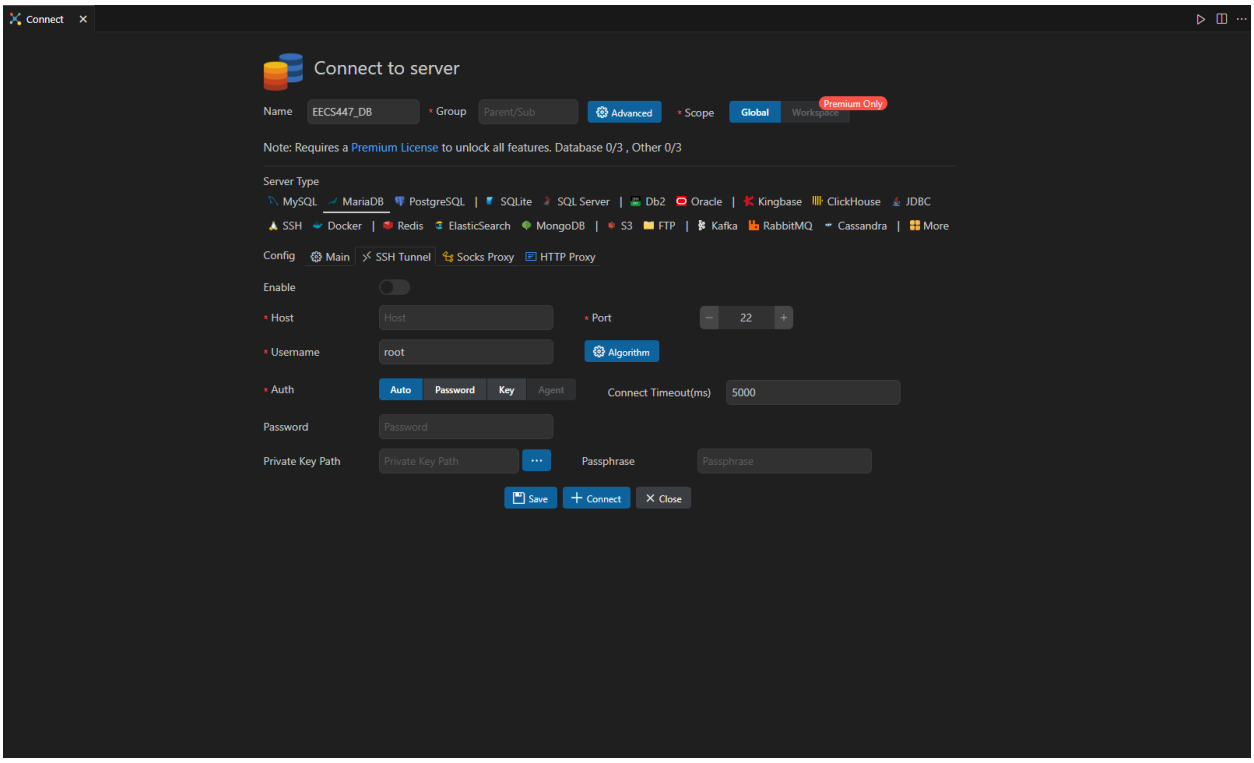
Step 9: In the “Database” field, put the same username you put for the Username field



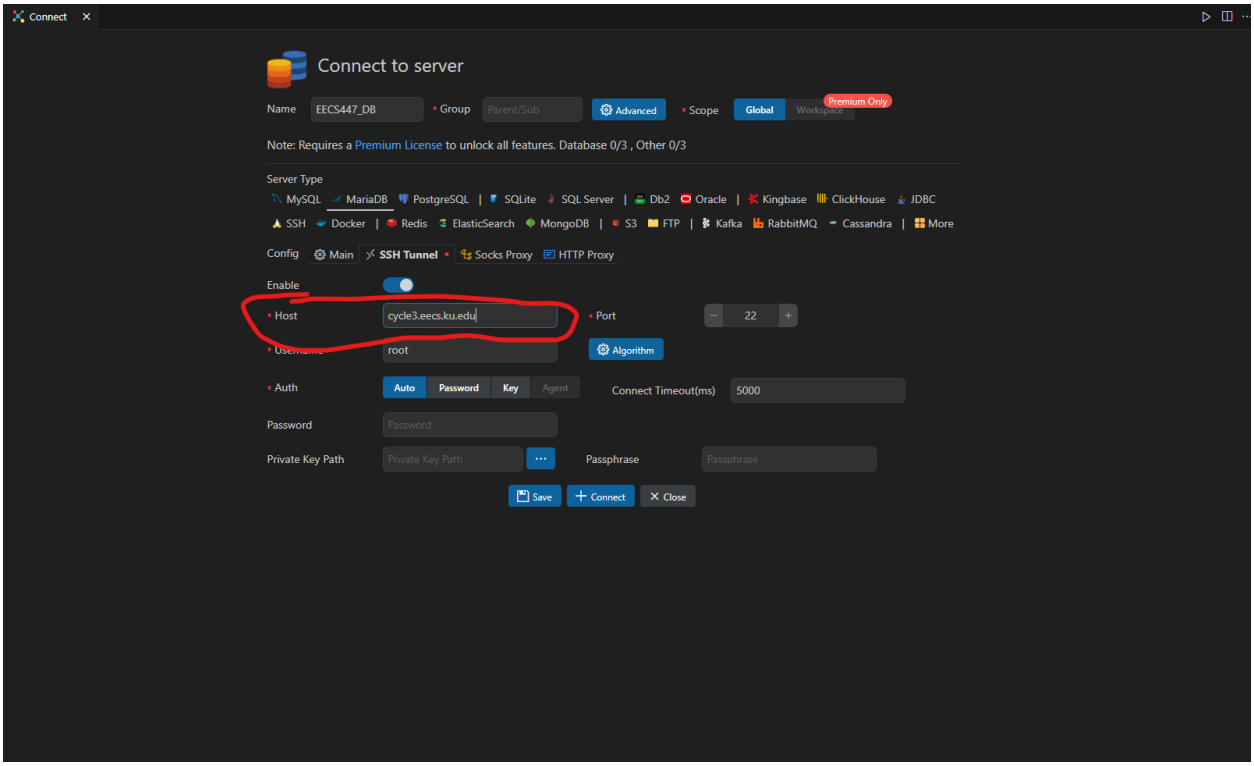
Step 10: Click on the “SSH Tunnel” tab button



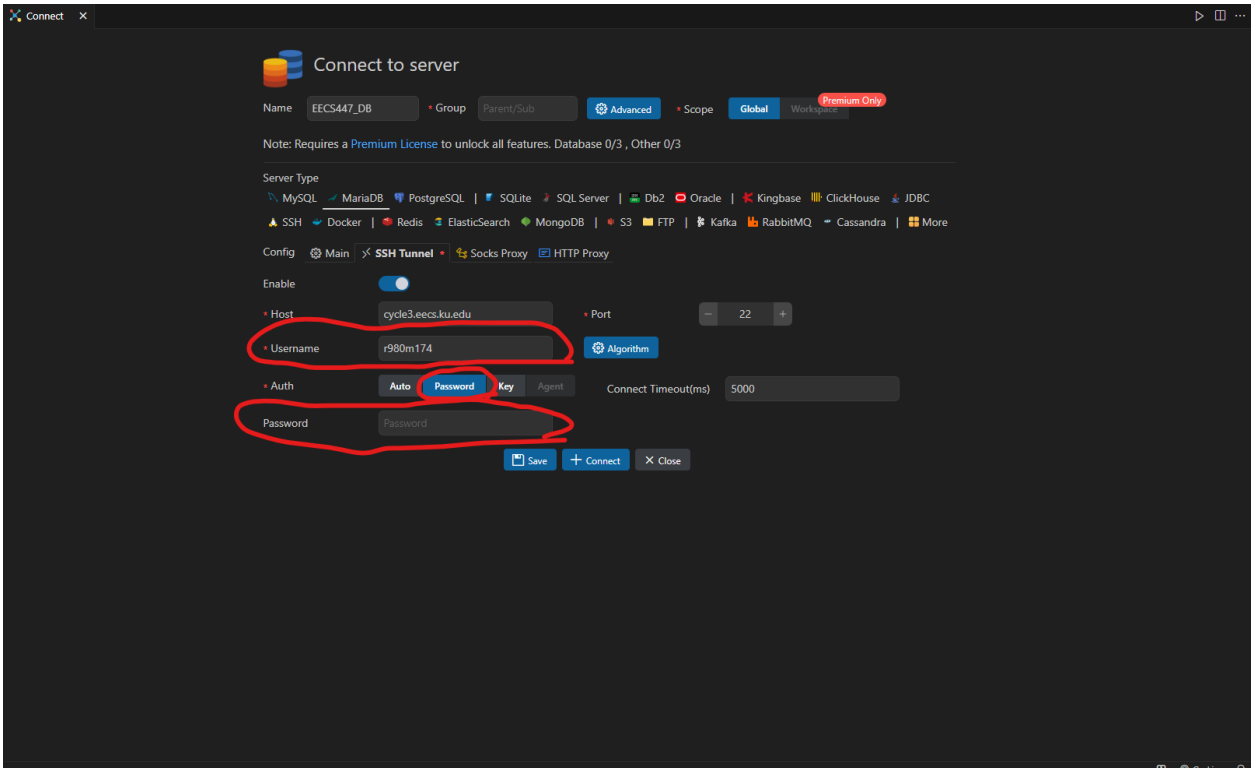
You should now be on a page that looks like the following:



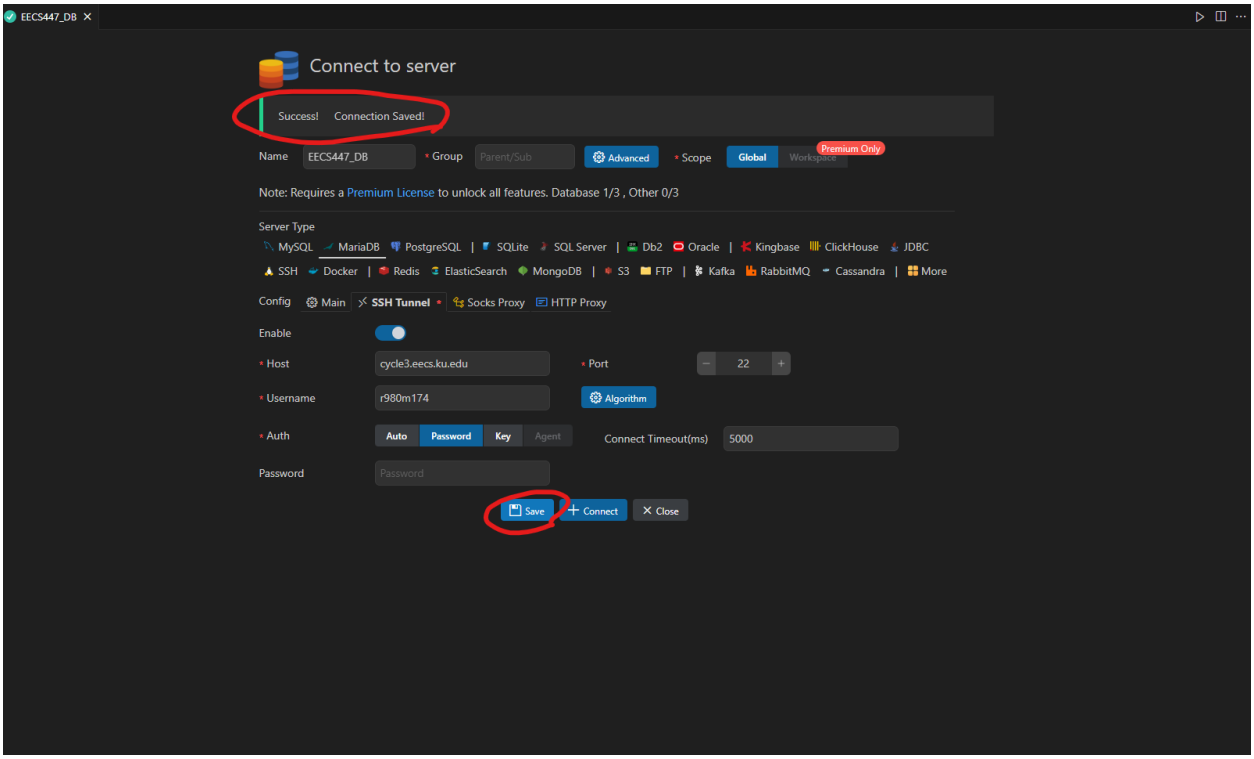
Step 11: In the “Host” field, input “cycle3.eecs.ku.edu”. Note that you can use other cycle servers if cycle3 doesn’t work for you.



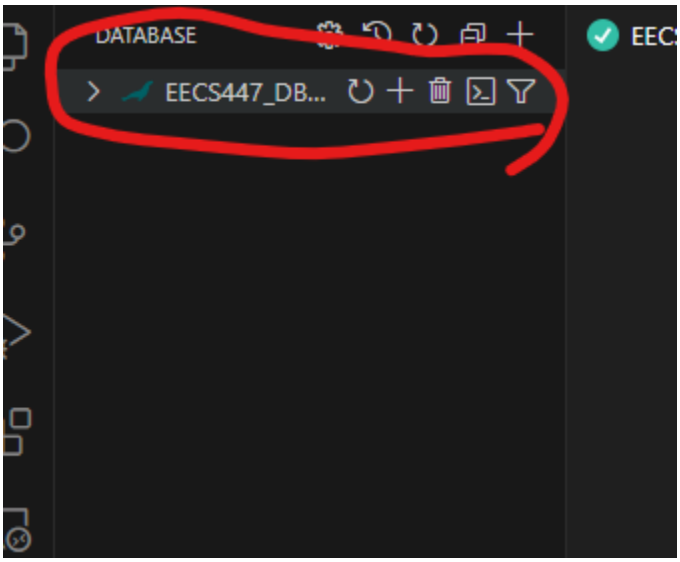
Step 12: In the “Username” field, enter your KU user ID (example: f842g582) and your password in the “Password” field.



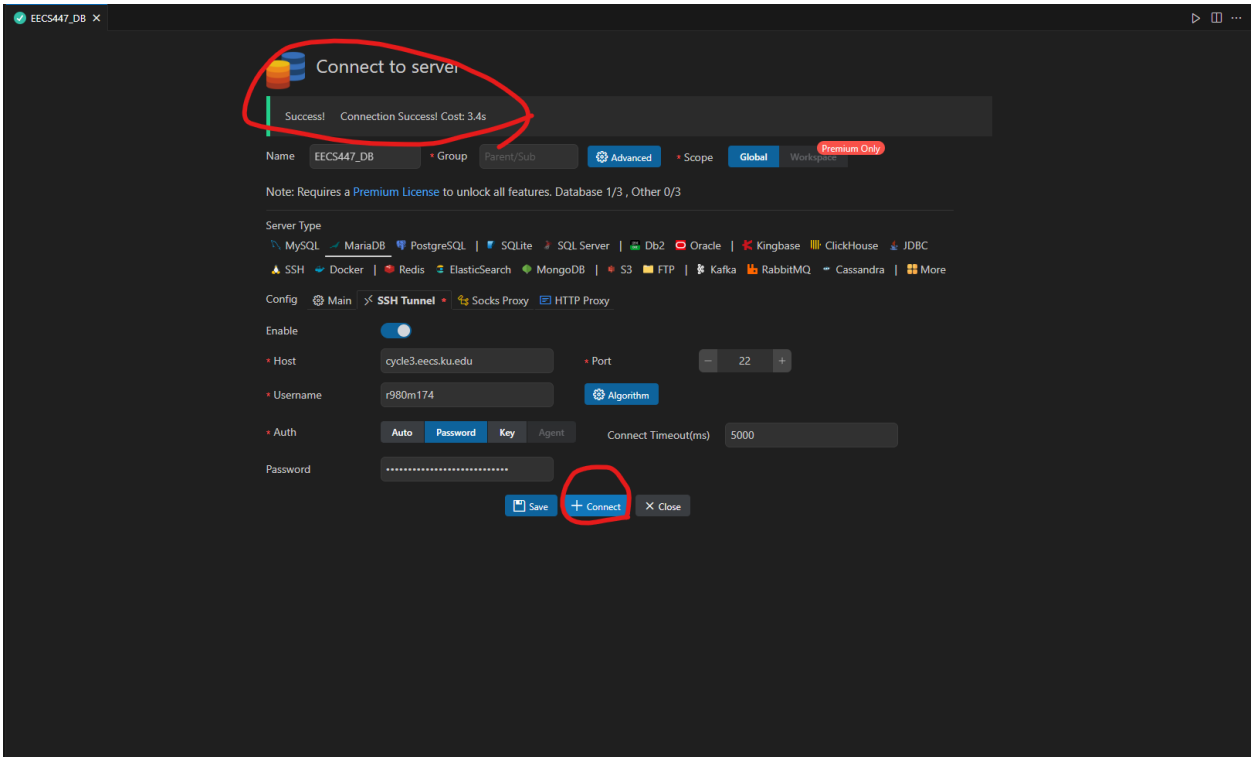
Step 13: Click the “Save” button and you should see the message “Success! Connection Saved!”



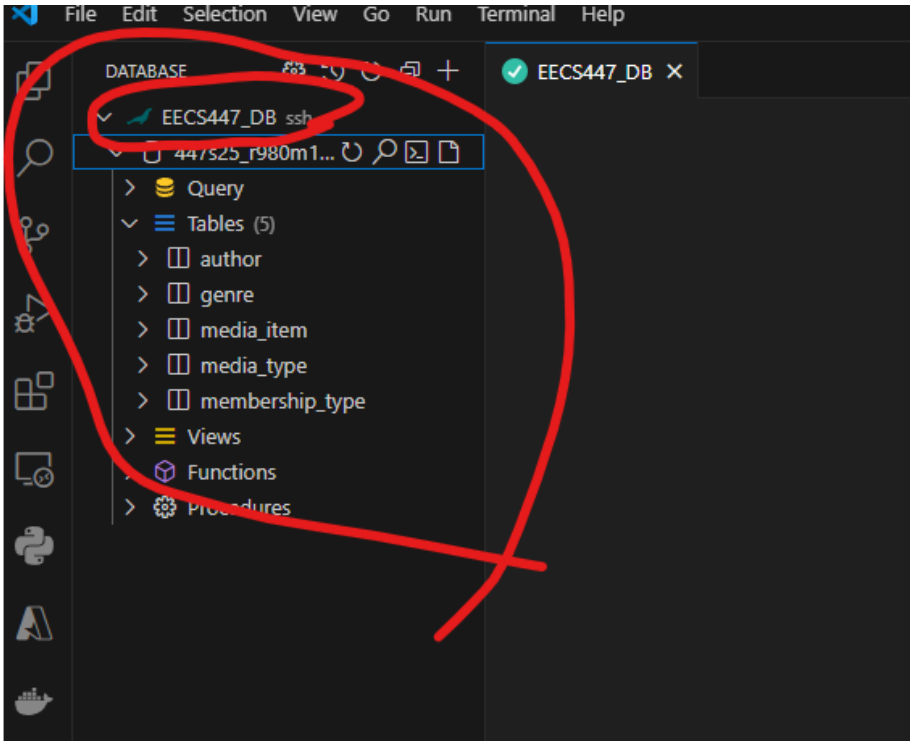
You can now also see the database in the side panel.



Step 14: Click the “Connect” button and you should after some time see the message “Success! Connection Success! Cost: ###”



Step 15: Now in the side panel, you can click the dropdown of the database server, click the dropdown of the actual database itself, and then you are able to see all of the queries, tables, views, functions, and procedures. This means you are connected.



Step 16: Now in the project, to execute SQL code, you have a few options. You can either click the “run” button above certain blocks, or you can press the gray play button in the top right that says “Execute (without parsing)”