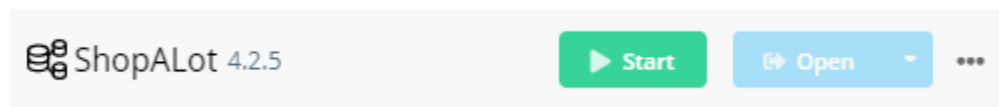


## Homework Assignment #5 Setup

(Neo4J)

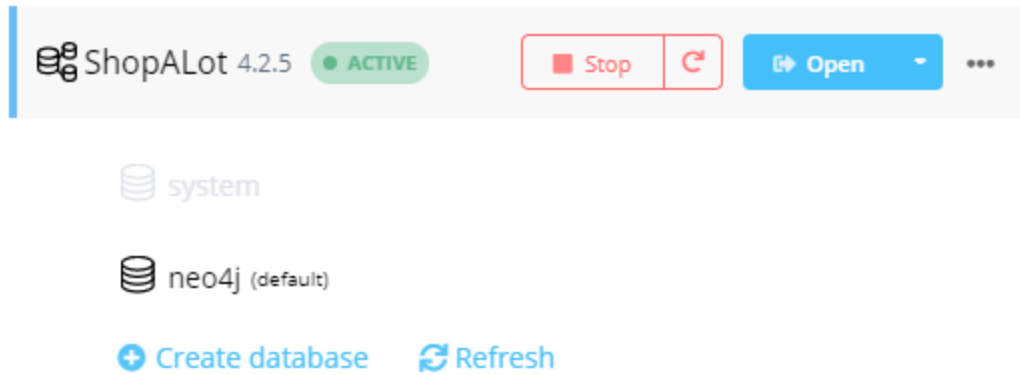
1. Download Neo4J 4.2 for your machine using the given link. When prompted, you can enter “UC Irvine” for company: <https://neo4j.com/download/>
2. Download the graph dump file containing all nodes and relationships for this assignment:  
<https://drive.google.com/file/d/19xNtyipAaYOVMwAFHqY3CllzgcUt38xU/view?usp=sharing>
3. Start the Neo4J Desktop app.
4. Next, you’ll want to create a new project. Press “+ New”.
5. The next step is to create a new DBMS. Click “+ Add” → “Local DBMS”. Give your DBMS a name and a password. Make sure that you use version **4.2.x**! You should end up with a screen similar to:



6. **Do not press start yet, otherwise you will have to start over.** Press the three dots on the new DBMS you just created.
7. Press the “Terminal” button and `cd` into the bin directory.
8. Run the following command to import your graph.

```
./neo4j-admin load --from=<location-of-dump-file>
```

9. Exit the terminal. Press the start button next to the name of your DBMS. If all goes well, your screen should look similar to:



10. Now you have successfully imported the ShopALot graph! Click on the DBMS you just created and a side window will pop up. On the side window, select Plugins and expand the APOC tab - as APOC contains some goodies we'll make use of. Wait a few seconds to allow it to check for the latest version. Once done, you should see a green "Install and Restart" button. Click on that button to install the APOC package.
11. Now click "Open" to open the Neo4j Browser; this is the interface for the assignment.
12. A very nice feature provided by the APOC package is the *apoc.meta.graph* function. It returns a virtual graph that represents the labels and relationship-types available in your database and shows how they are connected. Enter `CALL apoc.meta.graph` in the Neo4j Browser and familiarize yourself with the graph that we're going to use for this assignment.