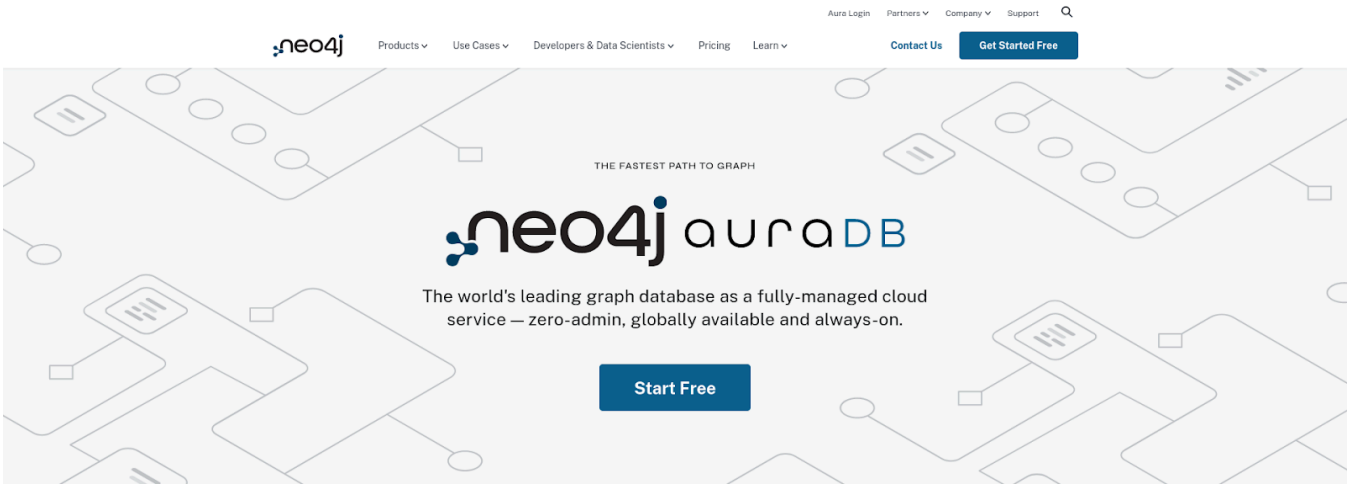
CIS 5500: Database and Information Systems

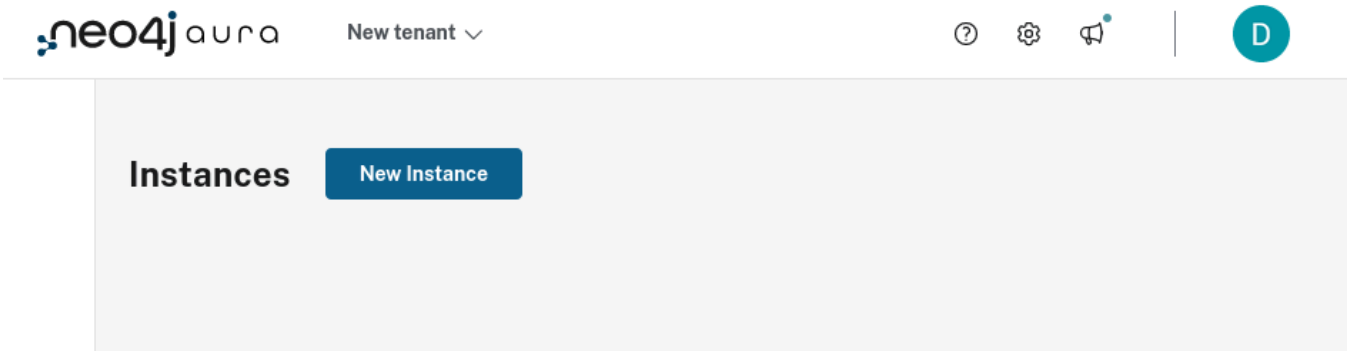
Neo4j Aura Handout

1. Creating an Instance

1. Head over to the official [Neo4j Aura site](#) and create an account (click on Start Free).

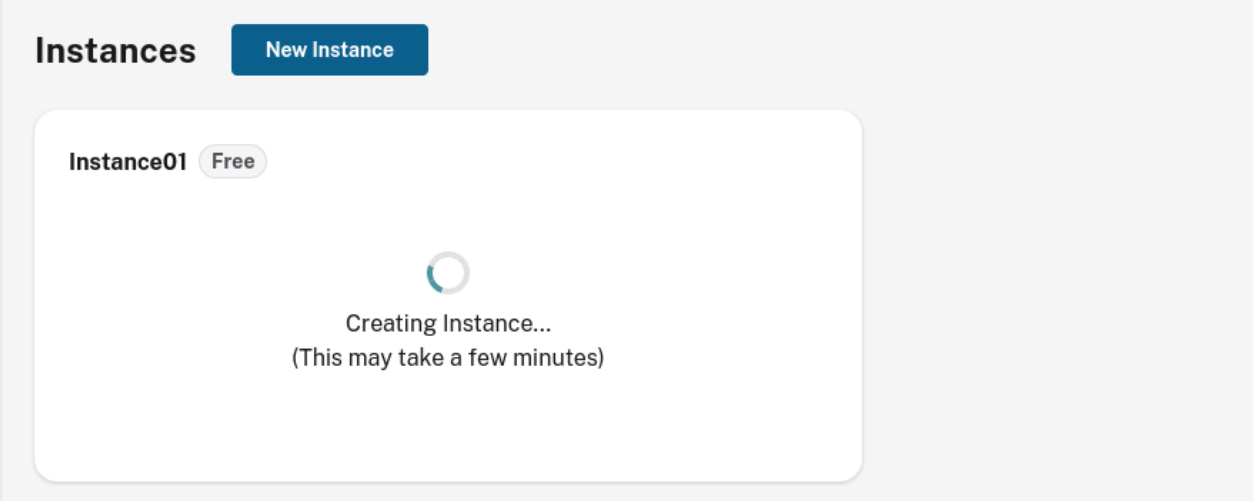


2. Click on “New Instance”

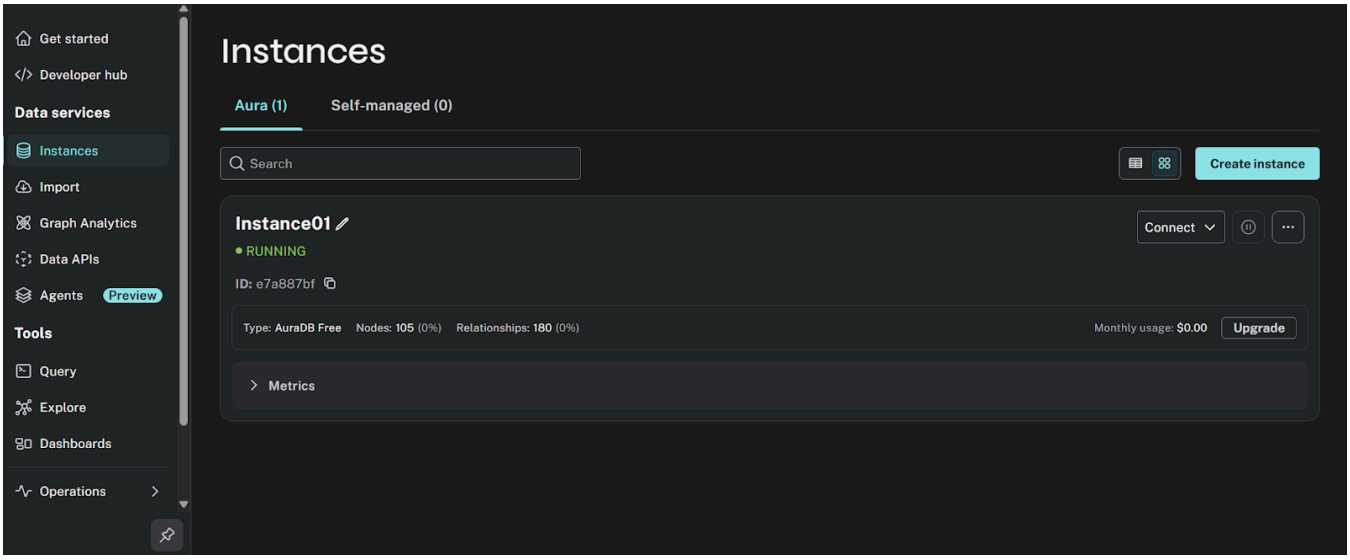


3. Select “Create Free Instance”. Make sure to save the password that is given after creation. You’ll need this for entering your credentials in part 3.

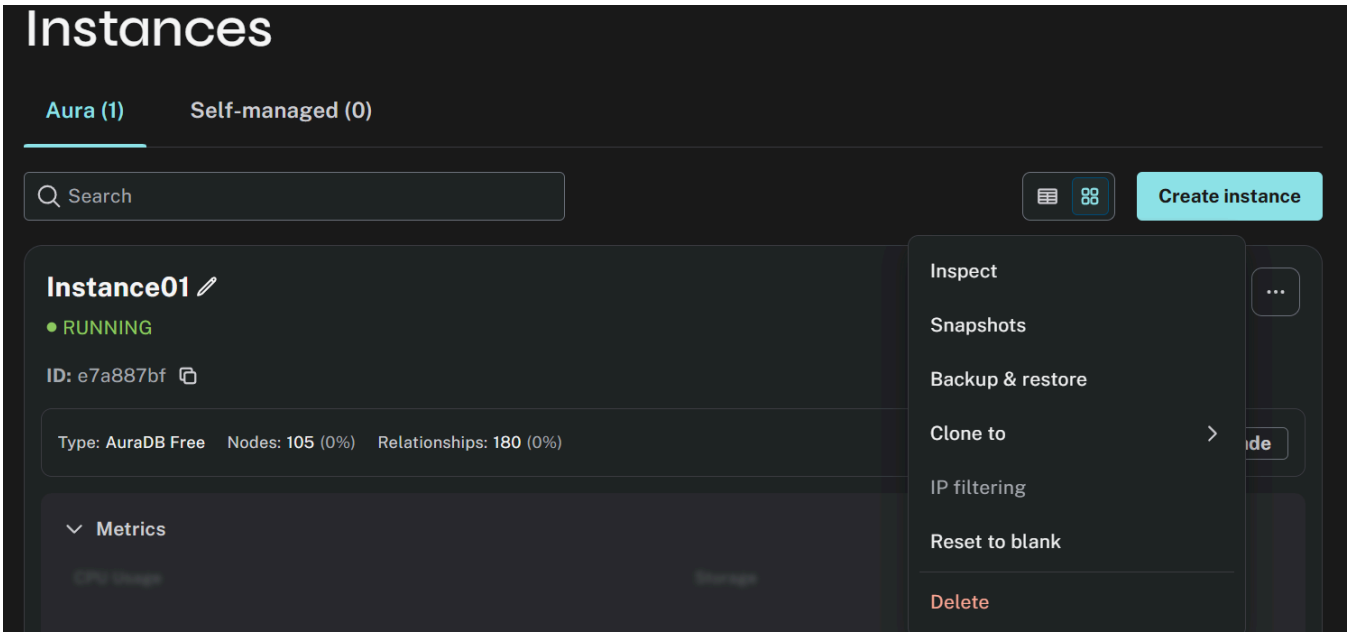
4. A new instance is being set up.



5. After a few minutes, the instance will start



6. Click on the inspect option inside options menu to see instance overview.



2. Data Loading

2.1. Method 1–Manually Running CREATE Queries

7. Connect to the instance (see instructions in part 3)

8. Connect to a database in the horizontal menu

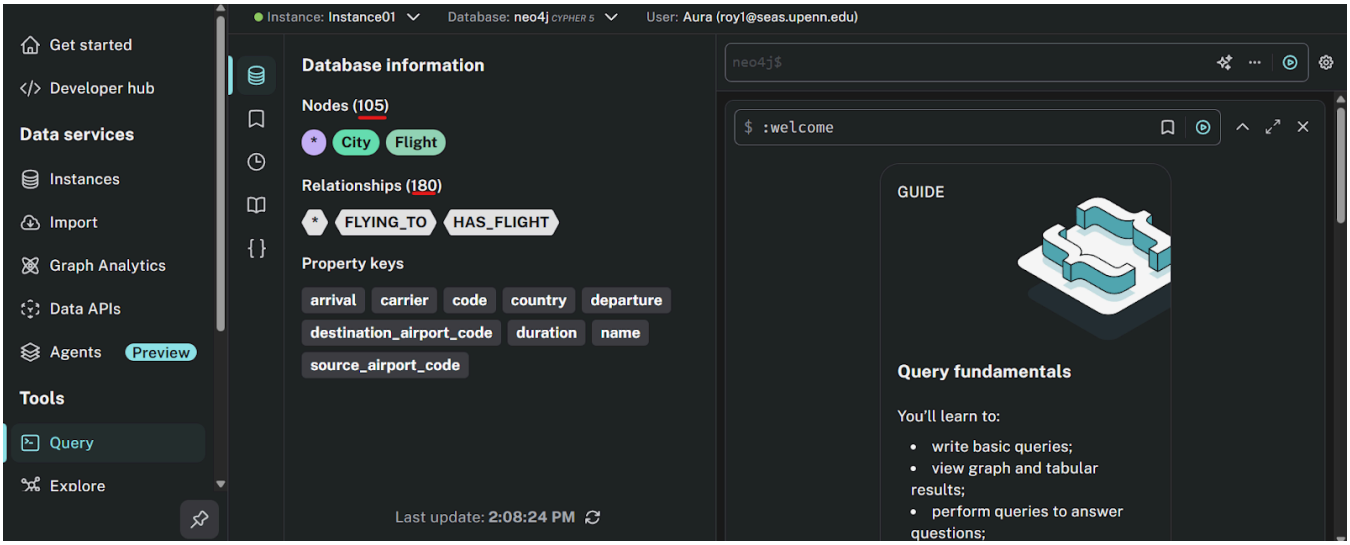
9. Open “flights.cyp” and run all the CREATE queries in the query console (found in the TOOLS section of the sidebar).

We recommend you take a look at the flights.cyp file provided with this handout to get an idea of the queries that are occurring to create the relations.

Neo4j has rate-limiting issues that prevent you from running all of the queries at once so please run them chunk by chunk. The chunks are separated with newlines in the file for your convenience.

2.3. Check Import Success

10. The instance should have 105 nodes and 180 relationships after importing all data.



3. Querying the Database

11. After loading the DB into neo4j aura, you can execute queries in the same console.