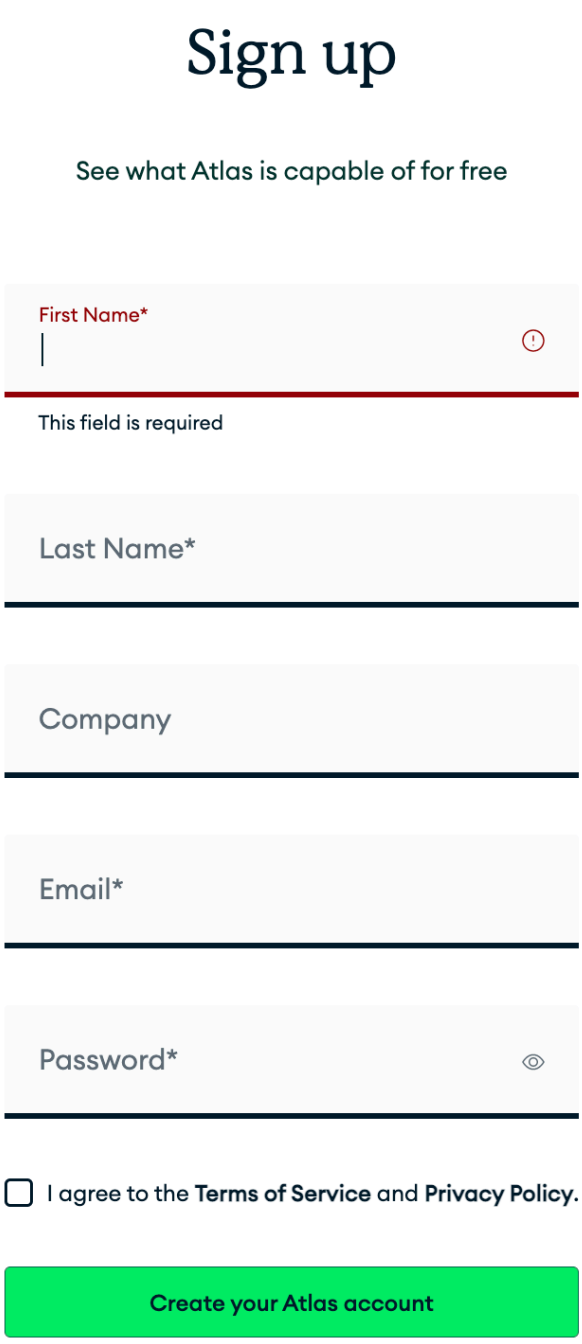
MONGODB INSTALLATION STEPS

Signup on MongoDB Atlas to set up a server on their website:

https://www.mongodb.com/cloud/atlas/register

Fill up your details, use your personal email address, not your TTA email:



After registering, very your email address :

MongoDB.

Great, now verify your email

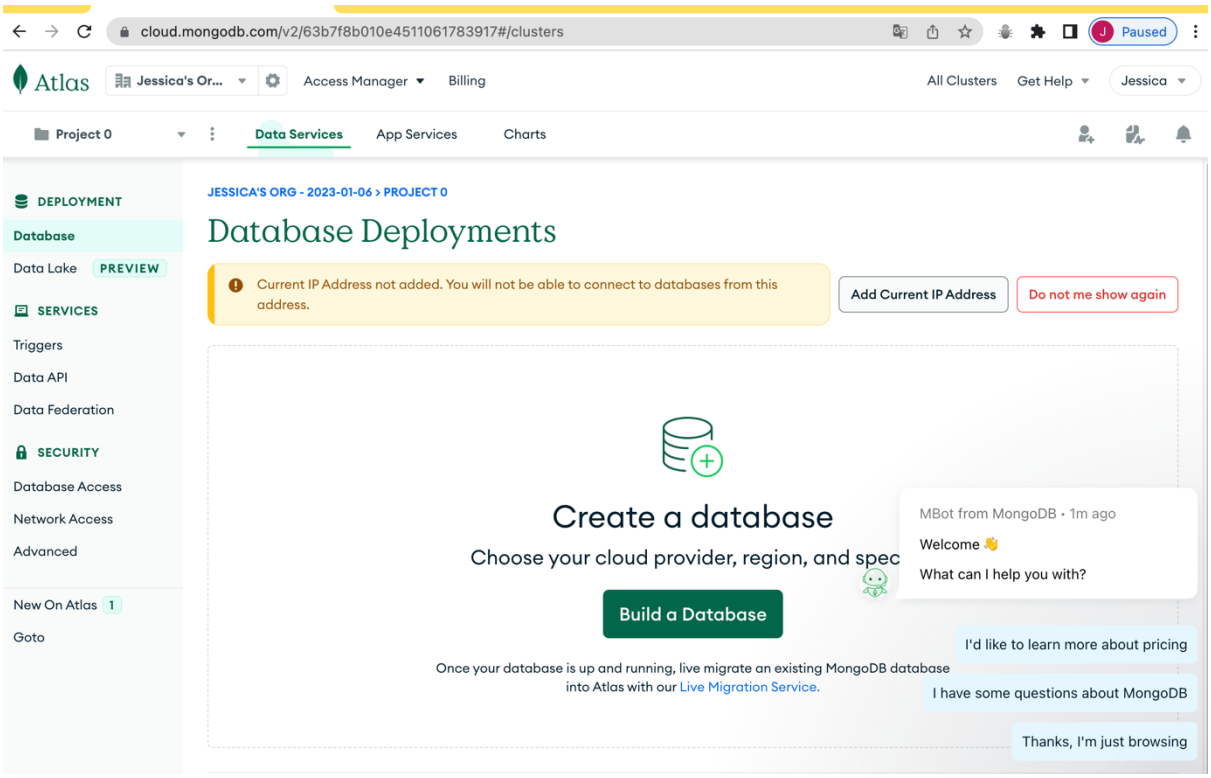
Check your inbox at **jessica@techtalent.academy** and click the verification link inside to complete your registration. This link will expire shortly, so verify soon!

Don't see an email? Check your spam folder.

Link expired? Resend verification email

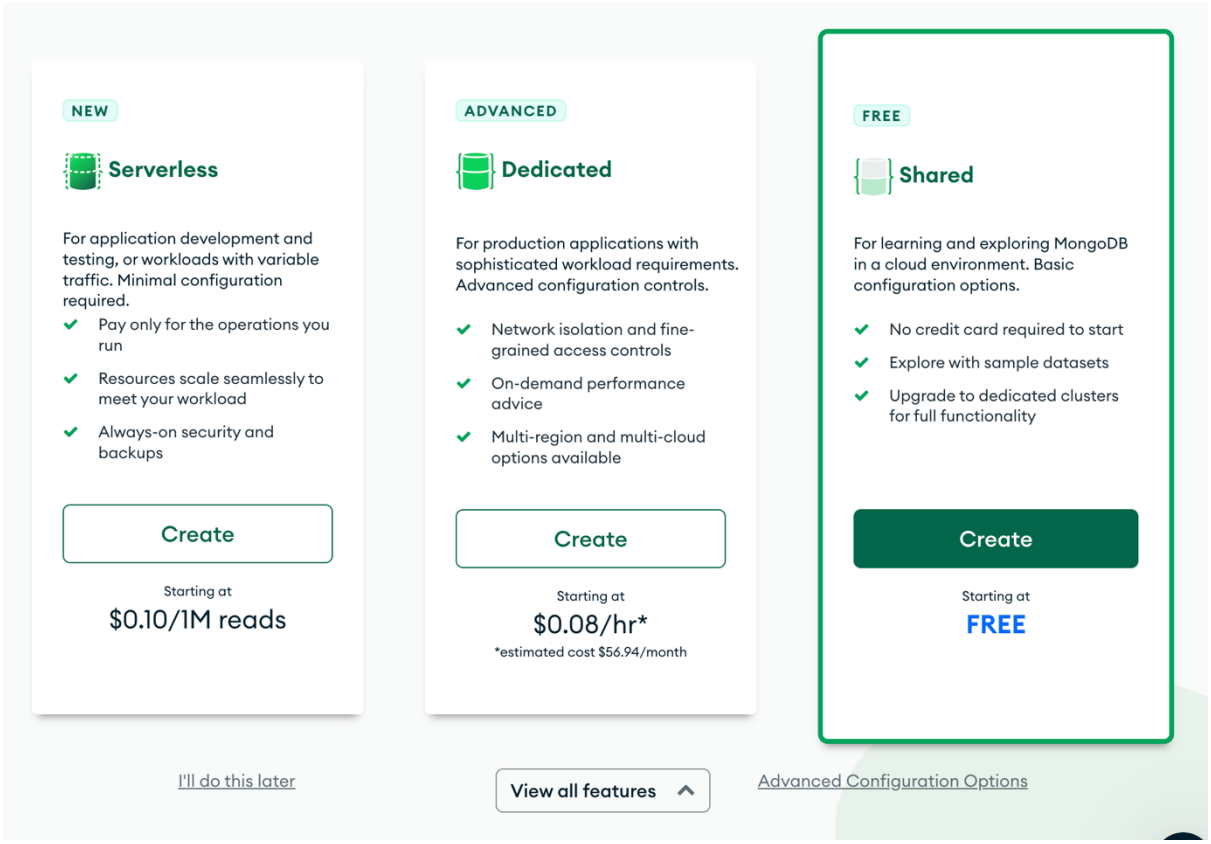
Login in to theur website here:
https://account.mongodb.com/account/login?signedOut=true

You should see the following window after login :

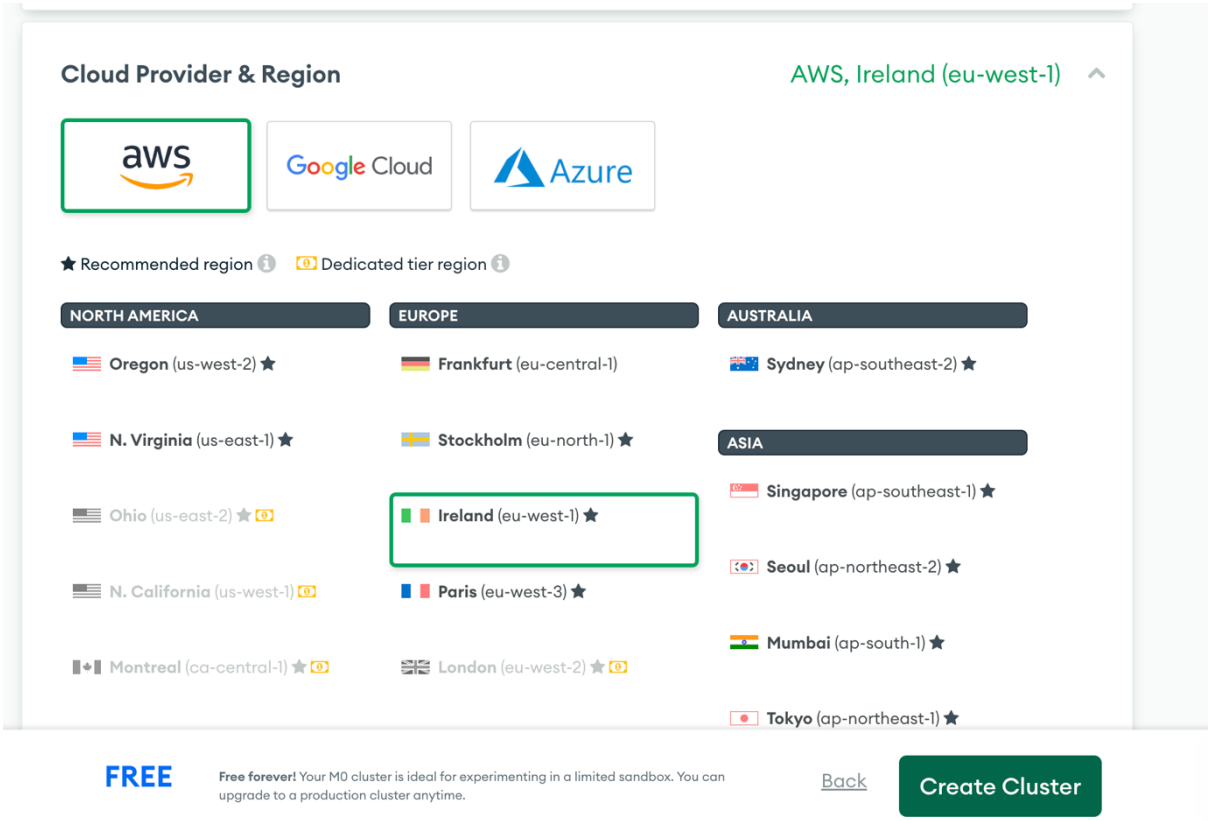


Click on **Build a Database**.

Choose the **Free shared plan** :

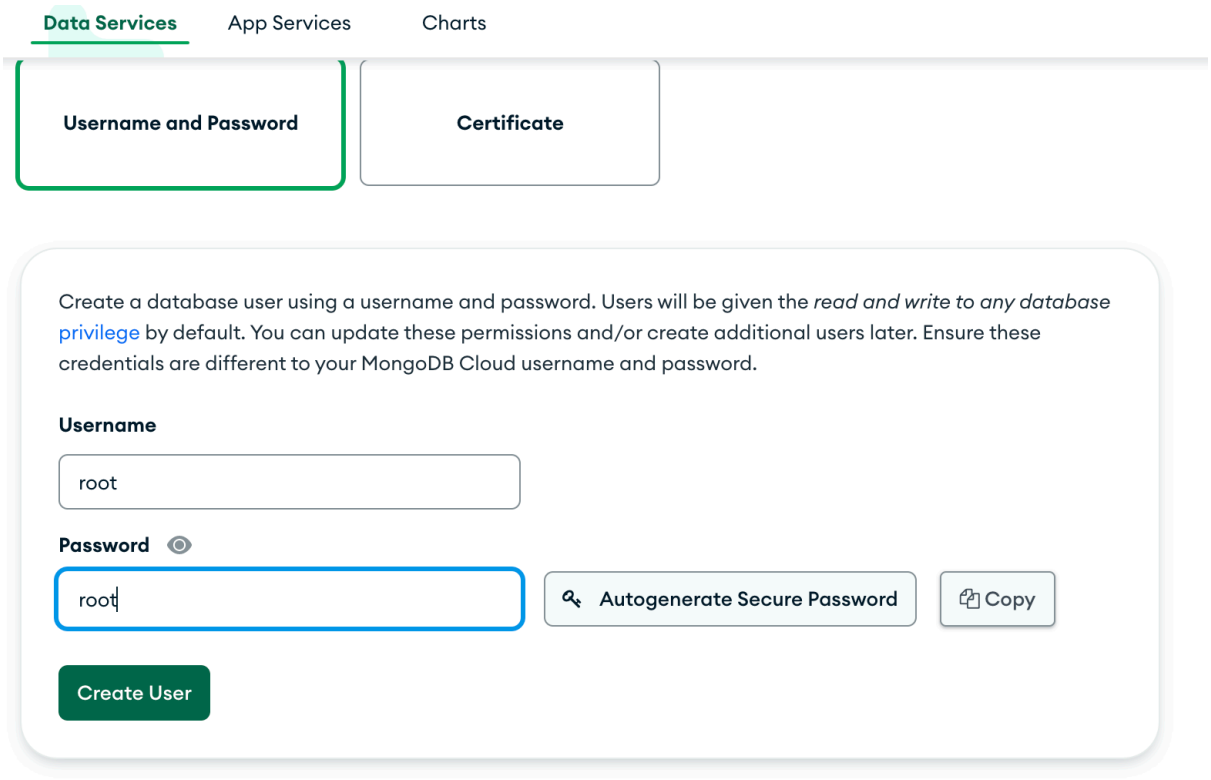


Dont change any following settings unless you are in a different region than the UK, click on a region that is closer to were you are located :



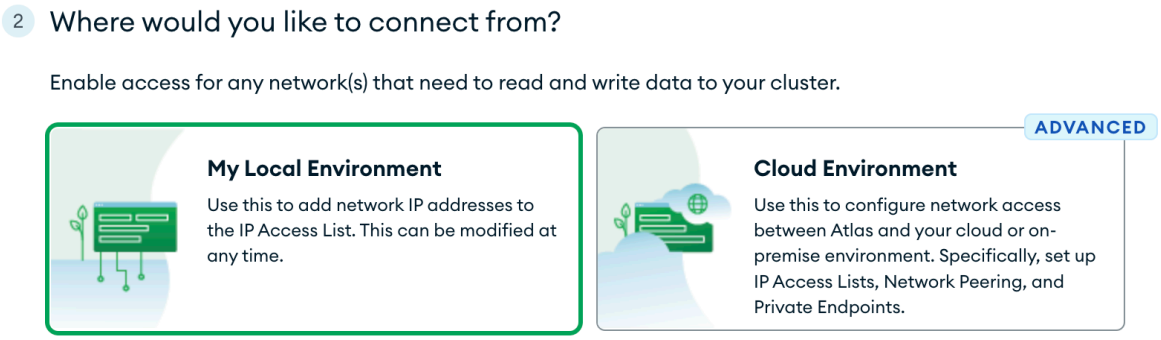
Click on **Create Cluster**.

Create the following **username and password** : use root for both! It will be easer to remember in case you forgot the password.

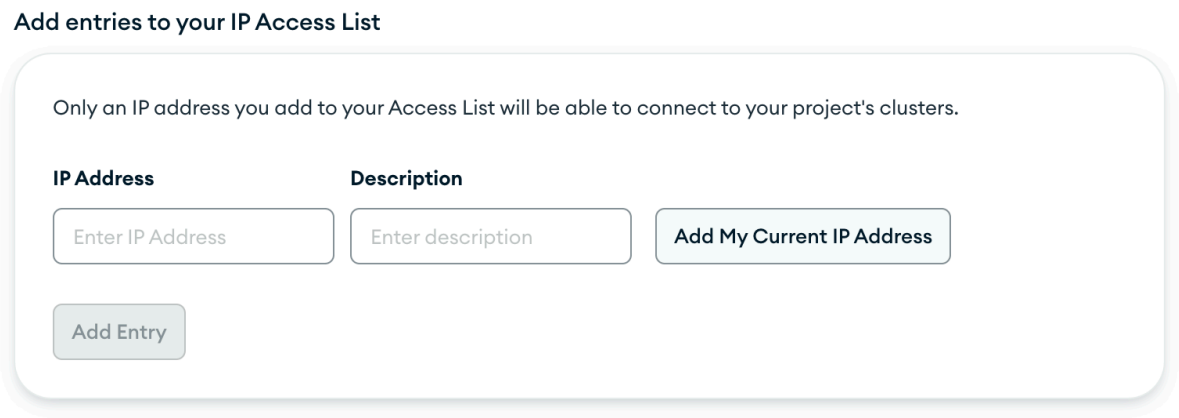


Click on **Create User**.

Leave My local enviromenet selected :

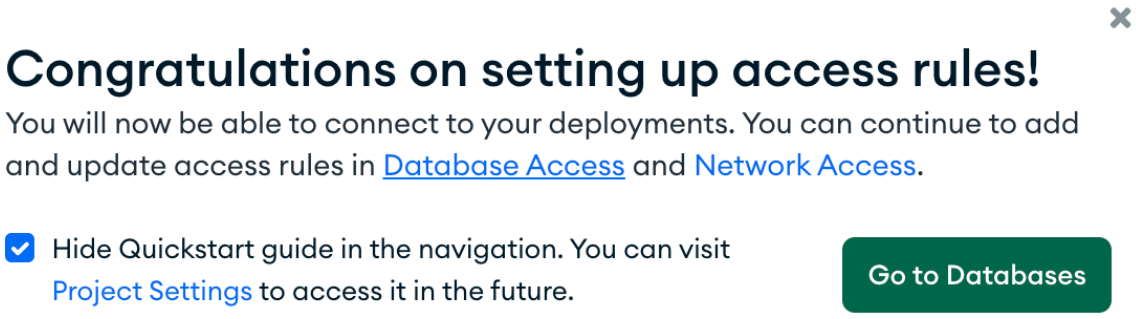


Click on **Add my current IP address** to link it to the server :



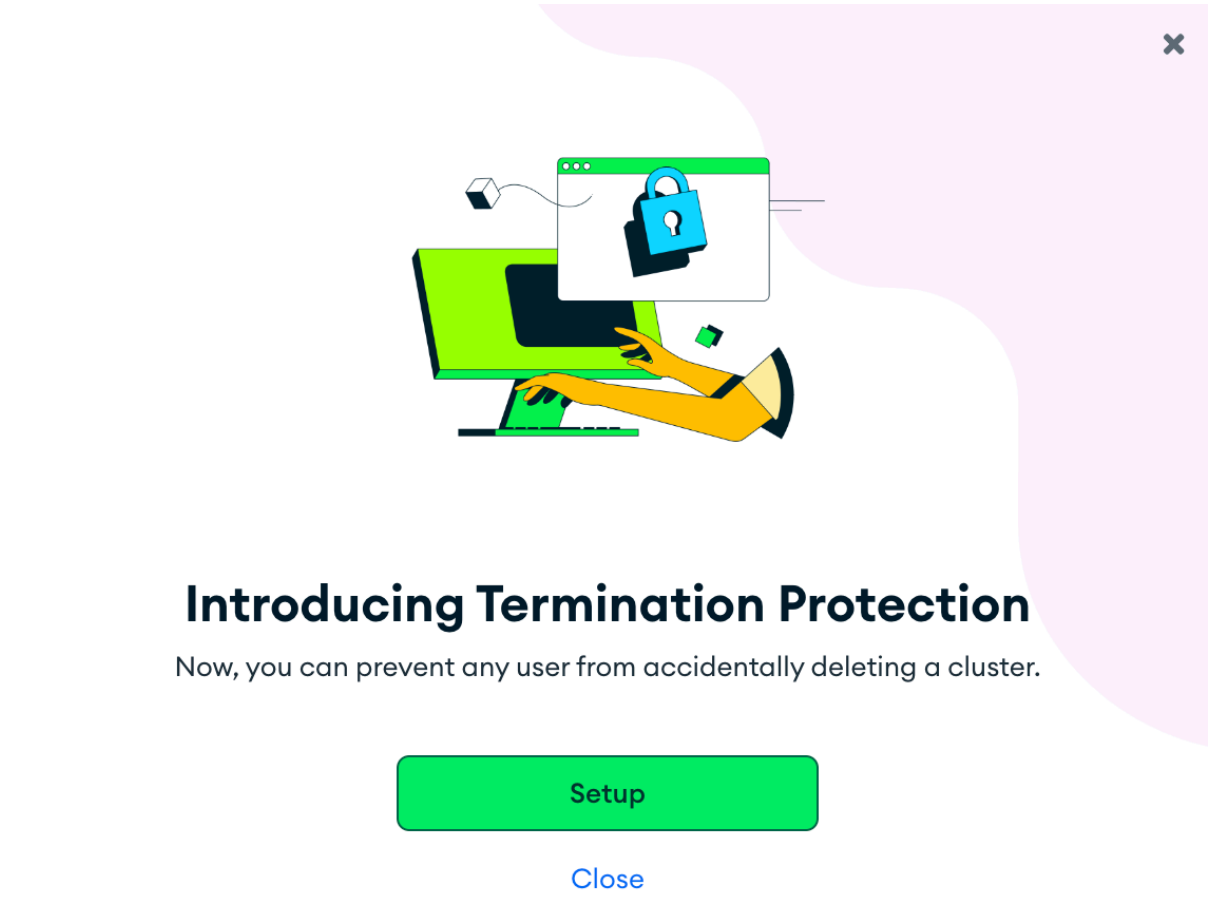
Click on **Finish and Close** at the bottom of the page :

You should get the following pop up window :

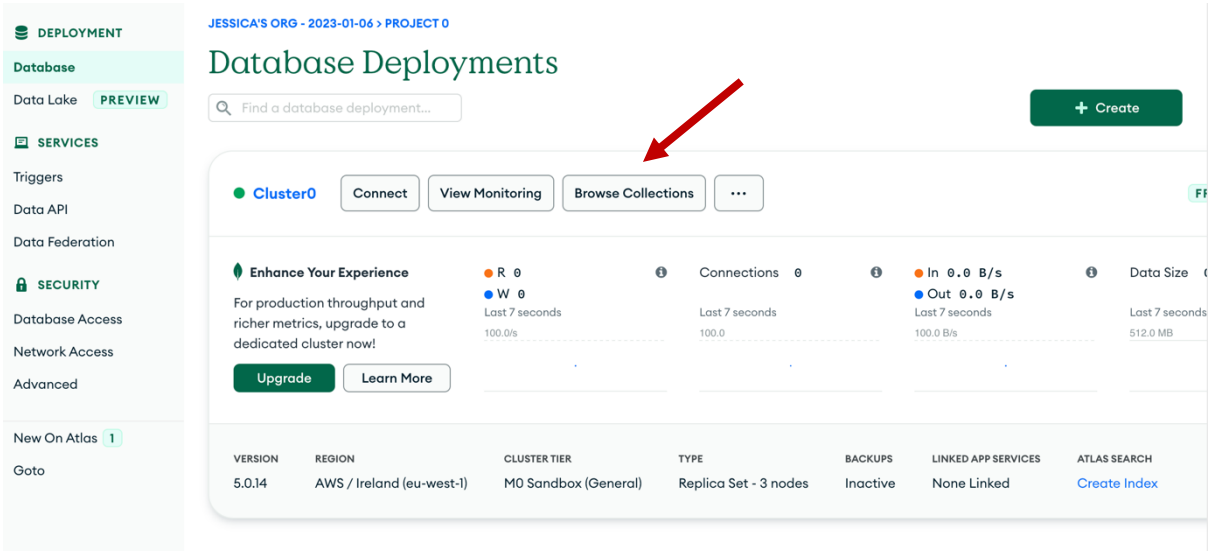


Click on **Go to Databases**.

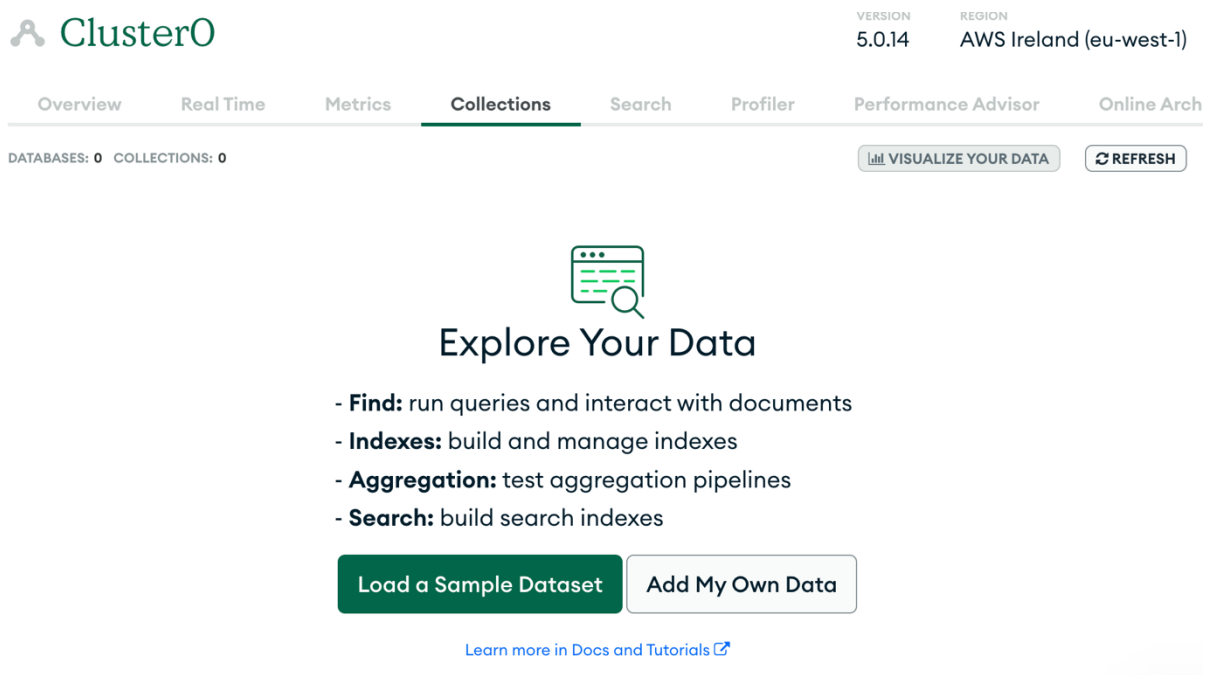
Close the next window, don't do any set up :



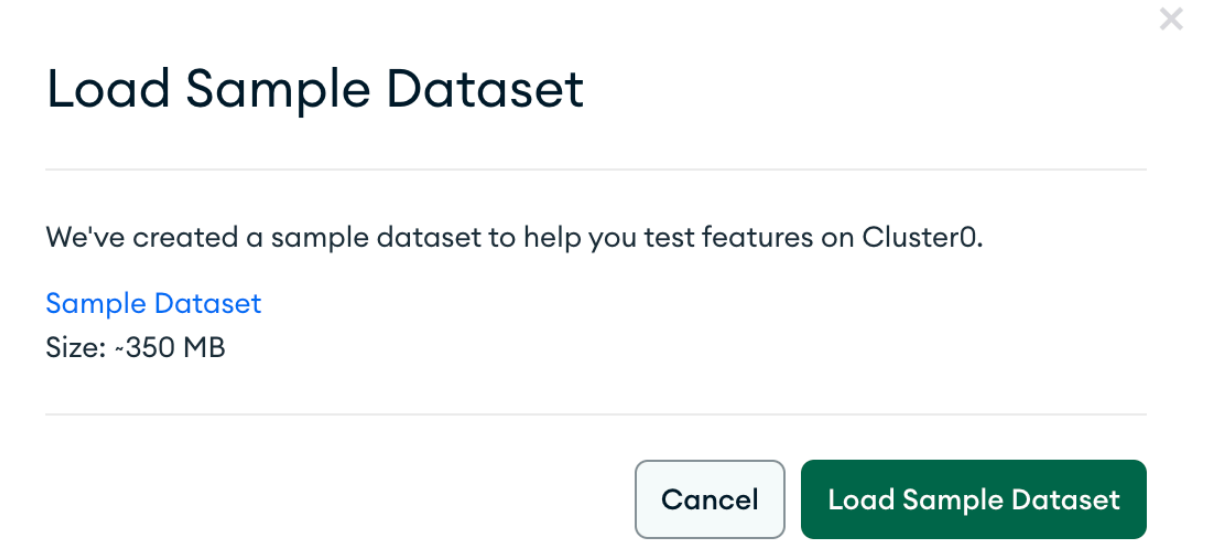
Now you have created a cluster. You should see the following :



Click on **Browse Collections** to add databases on your cluster:

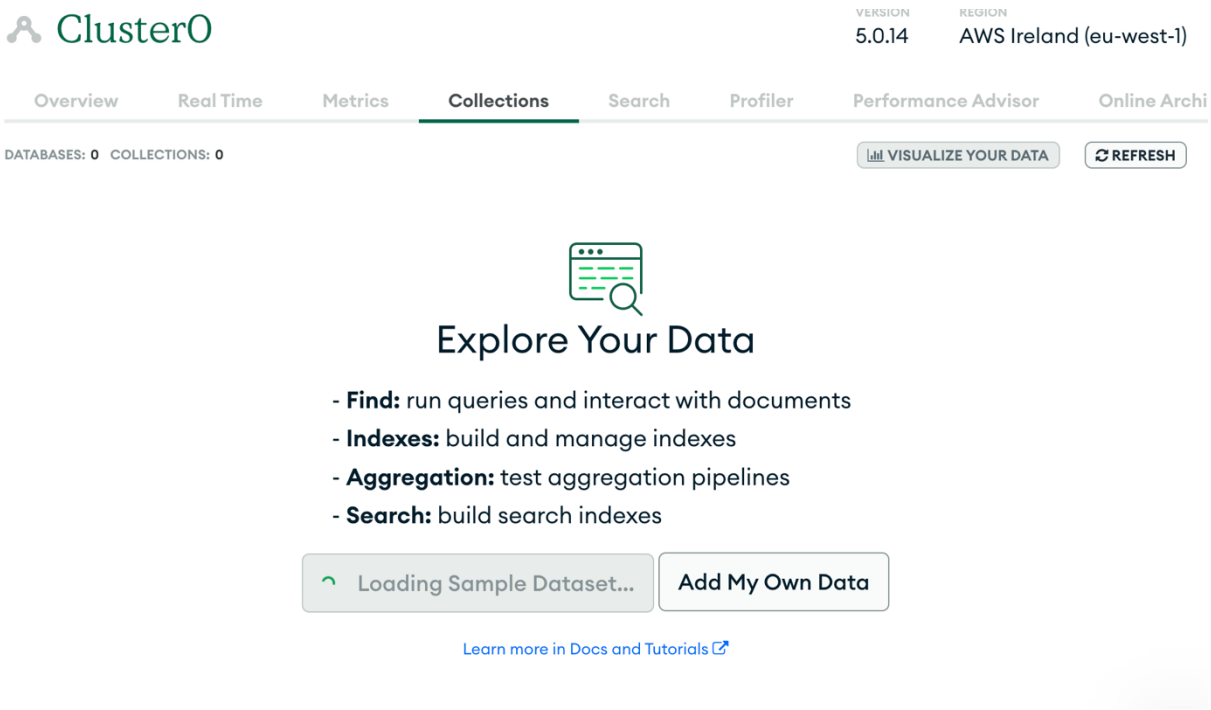


Click **on Load a sample dataset**.



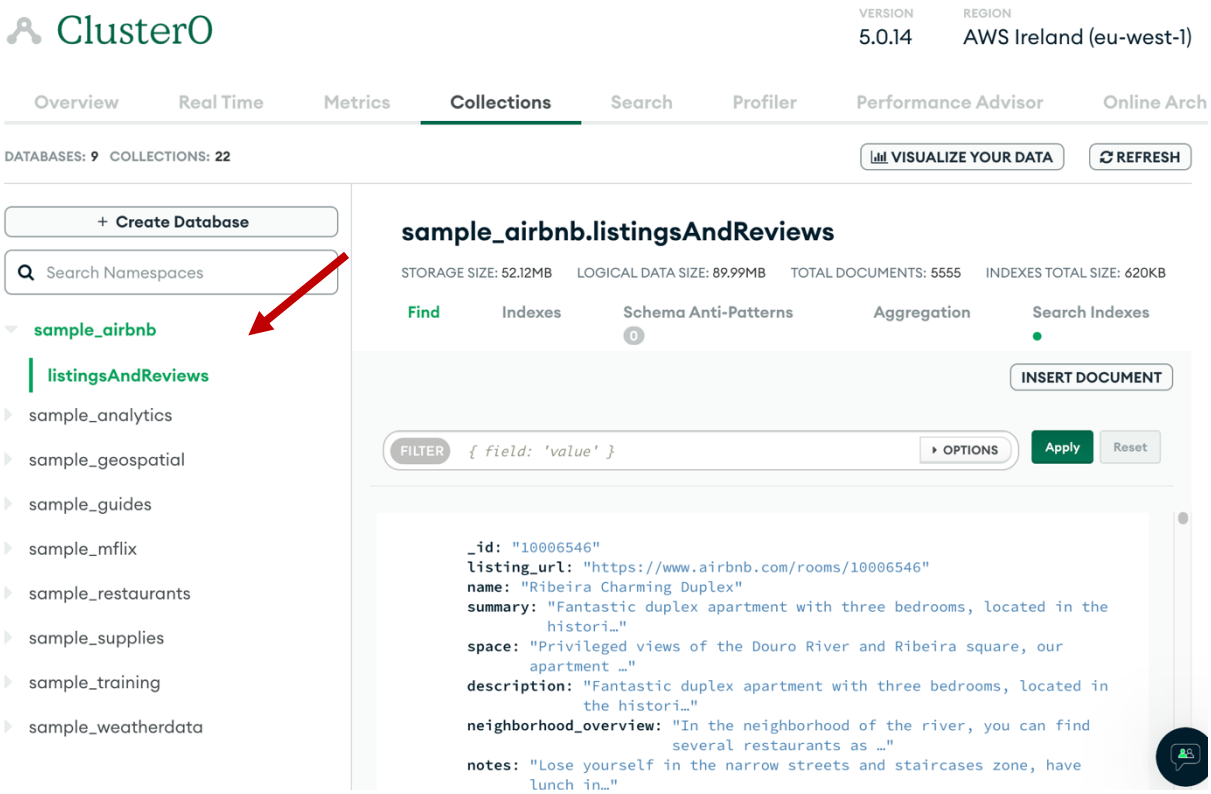
Click on **Load sample dataset**.

It might take 5-10 good minutes to load the files.



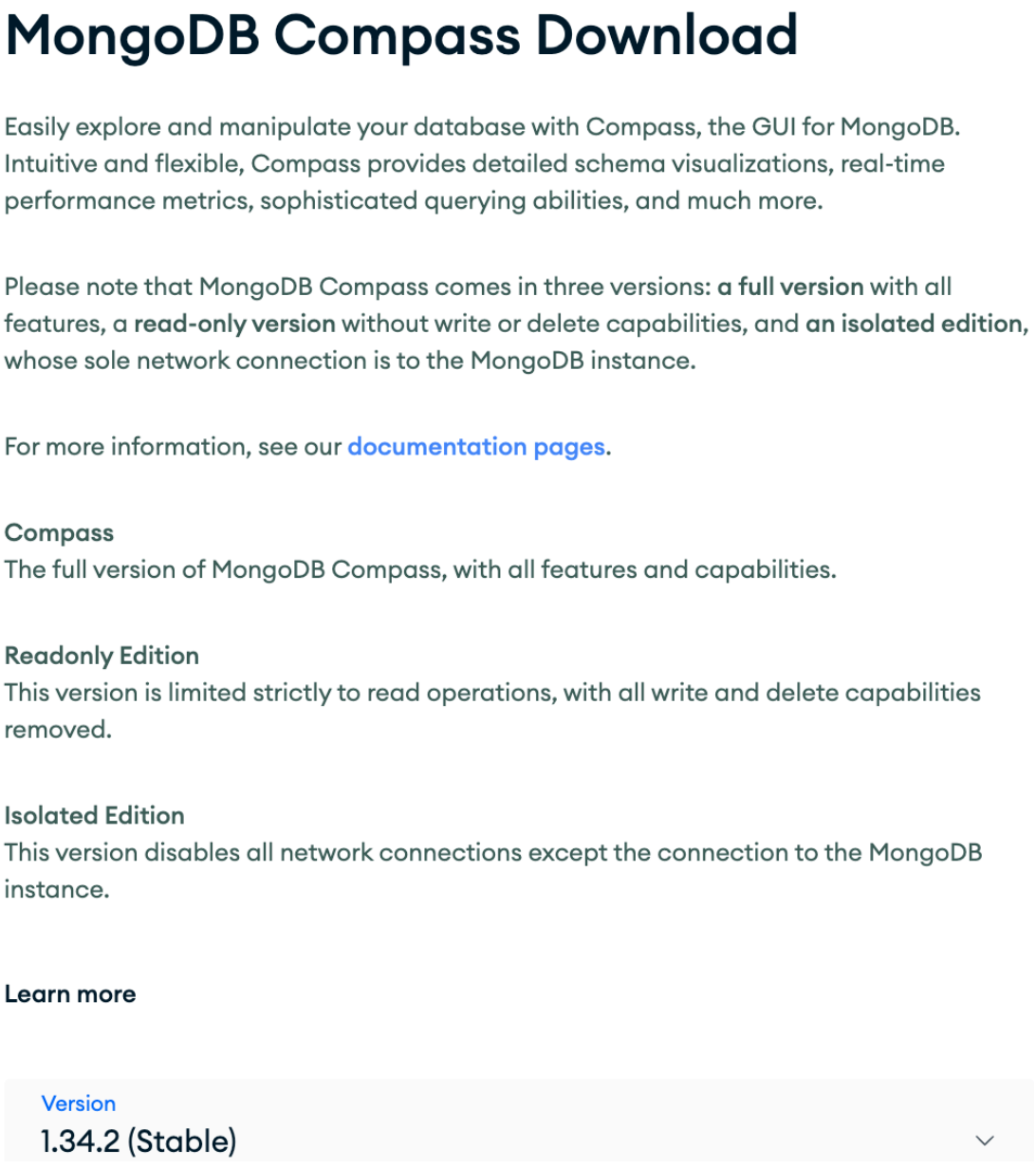
Come back to check when the loading is done.

When the loading is done you should get a list of databases on the left side of the window:



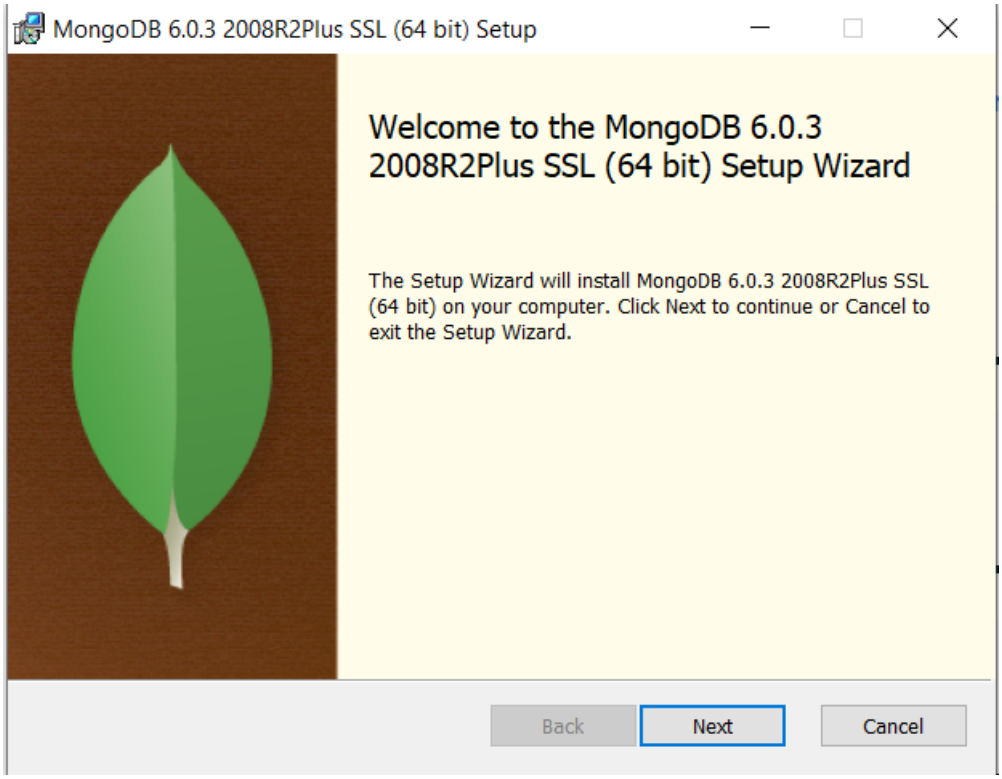
Now we need to connect to our server using a GUI to retrieve and manipulate data from the databases. We will be using **MongoDB compass**. Download the software here choosing the right version for your oparating system:

https://www.mongodb.com/try/download/compass

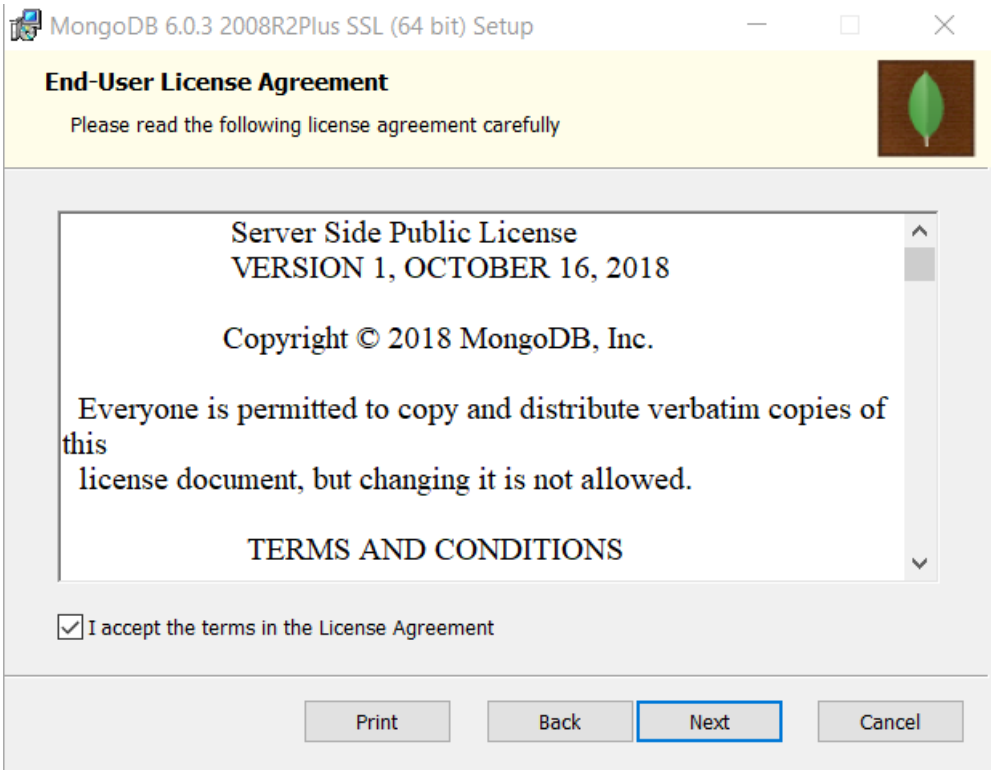


Follow the installation set up:

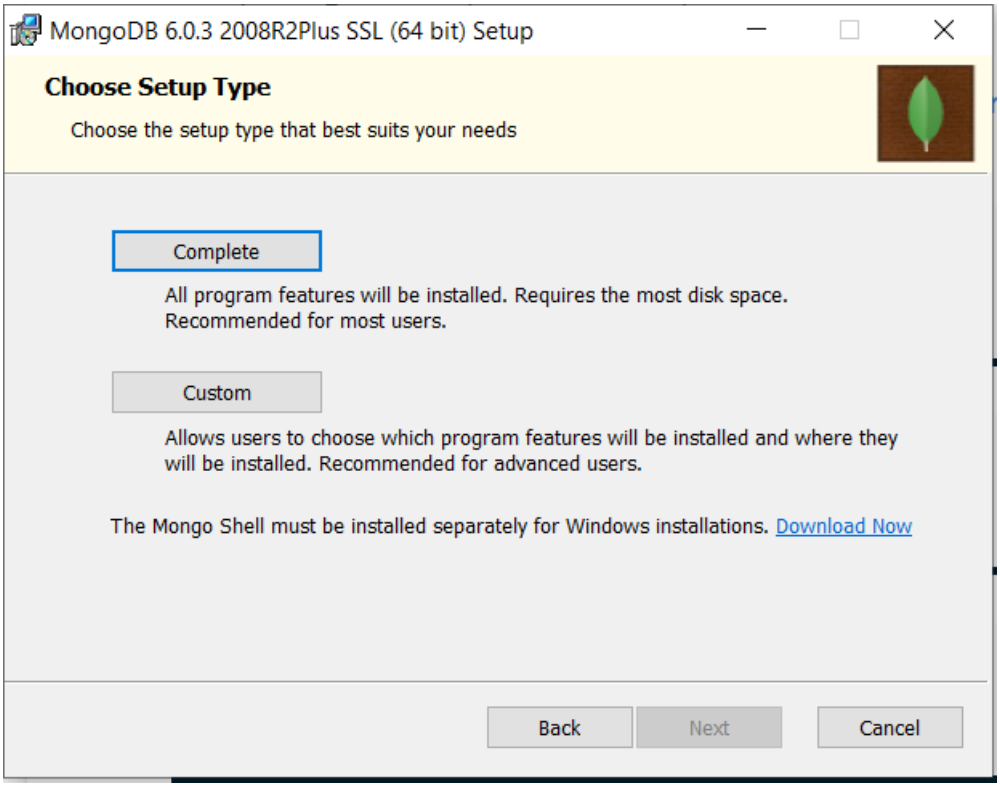
Click next:



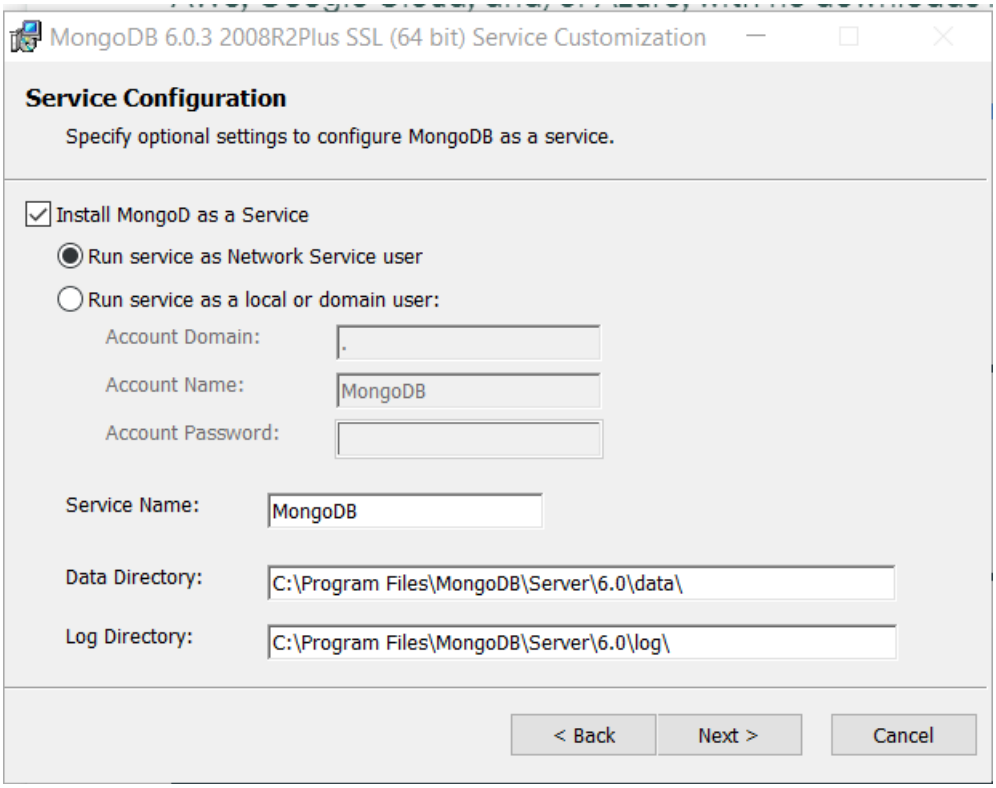
Check the box to accept terms and Click next:



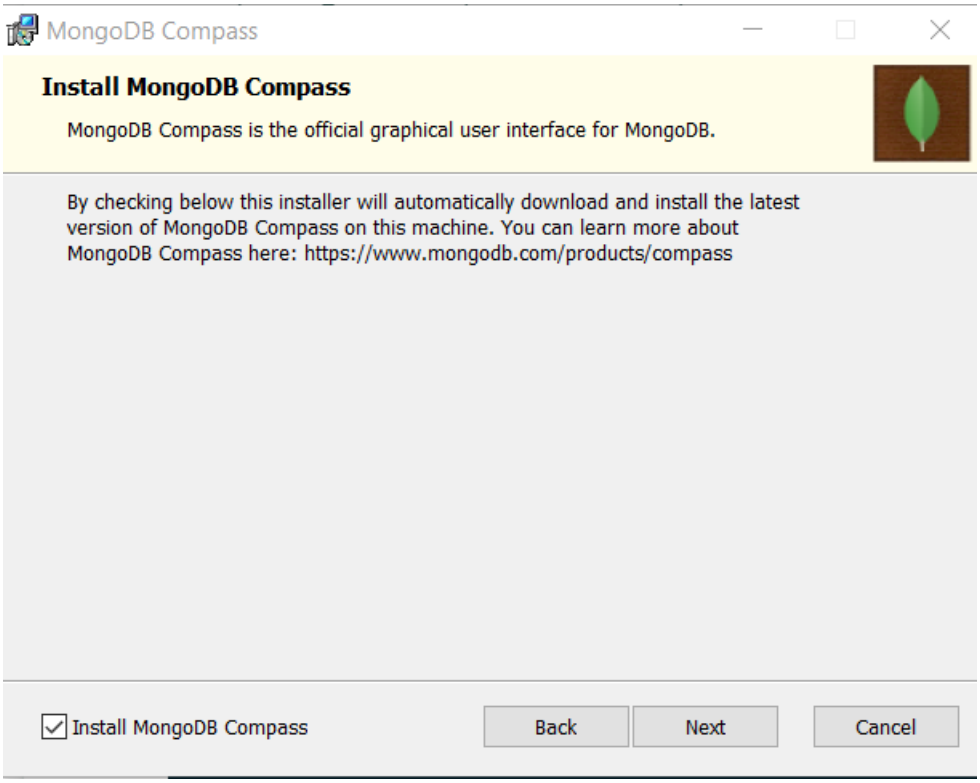
Choose complete and Click next:



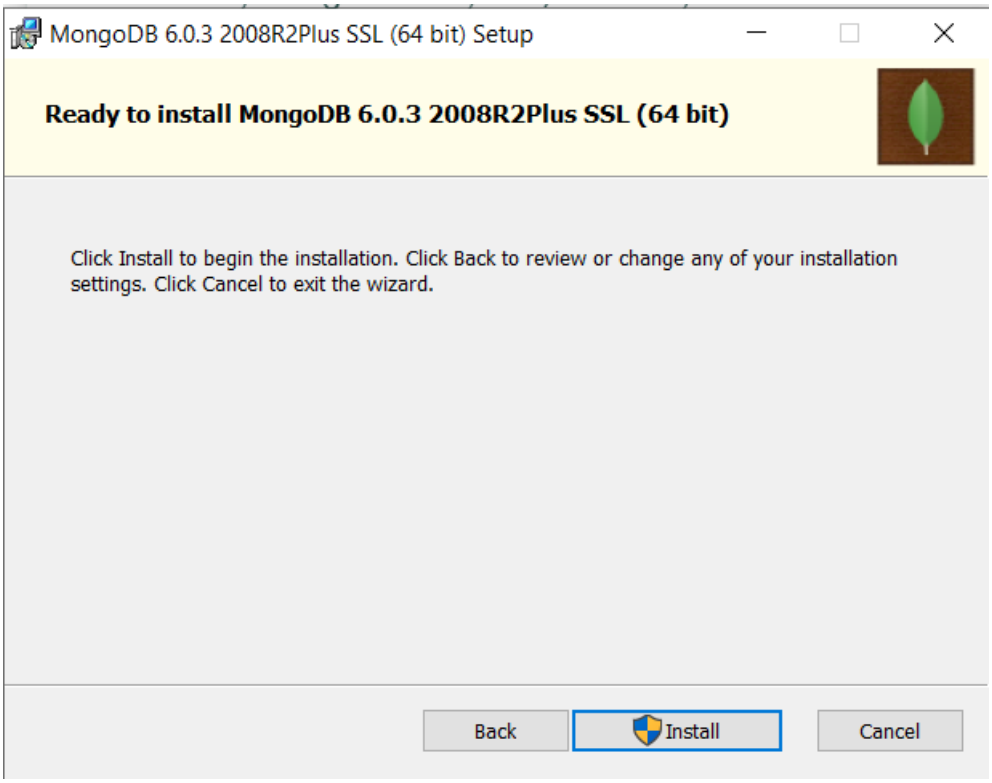
Click next (don't change anything):



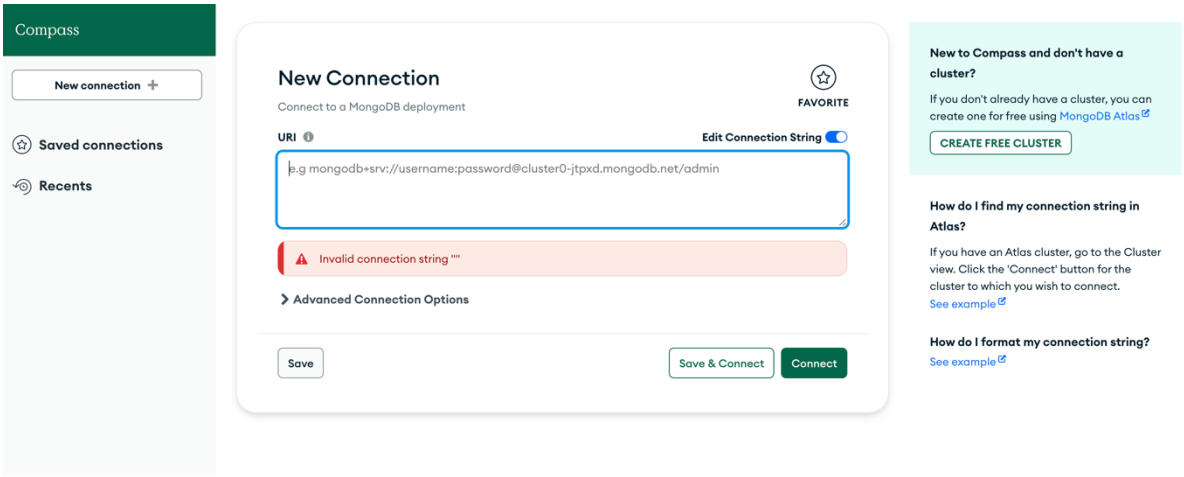
Click next:



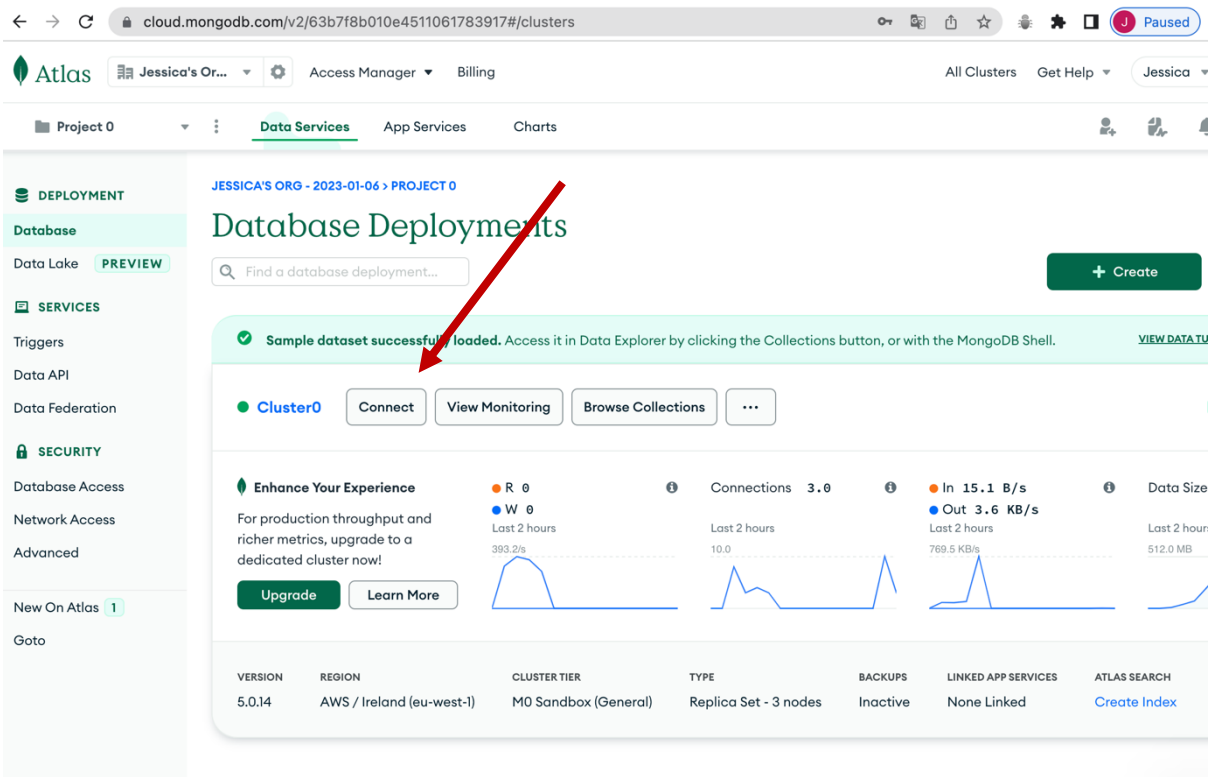
Click Install:



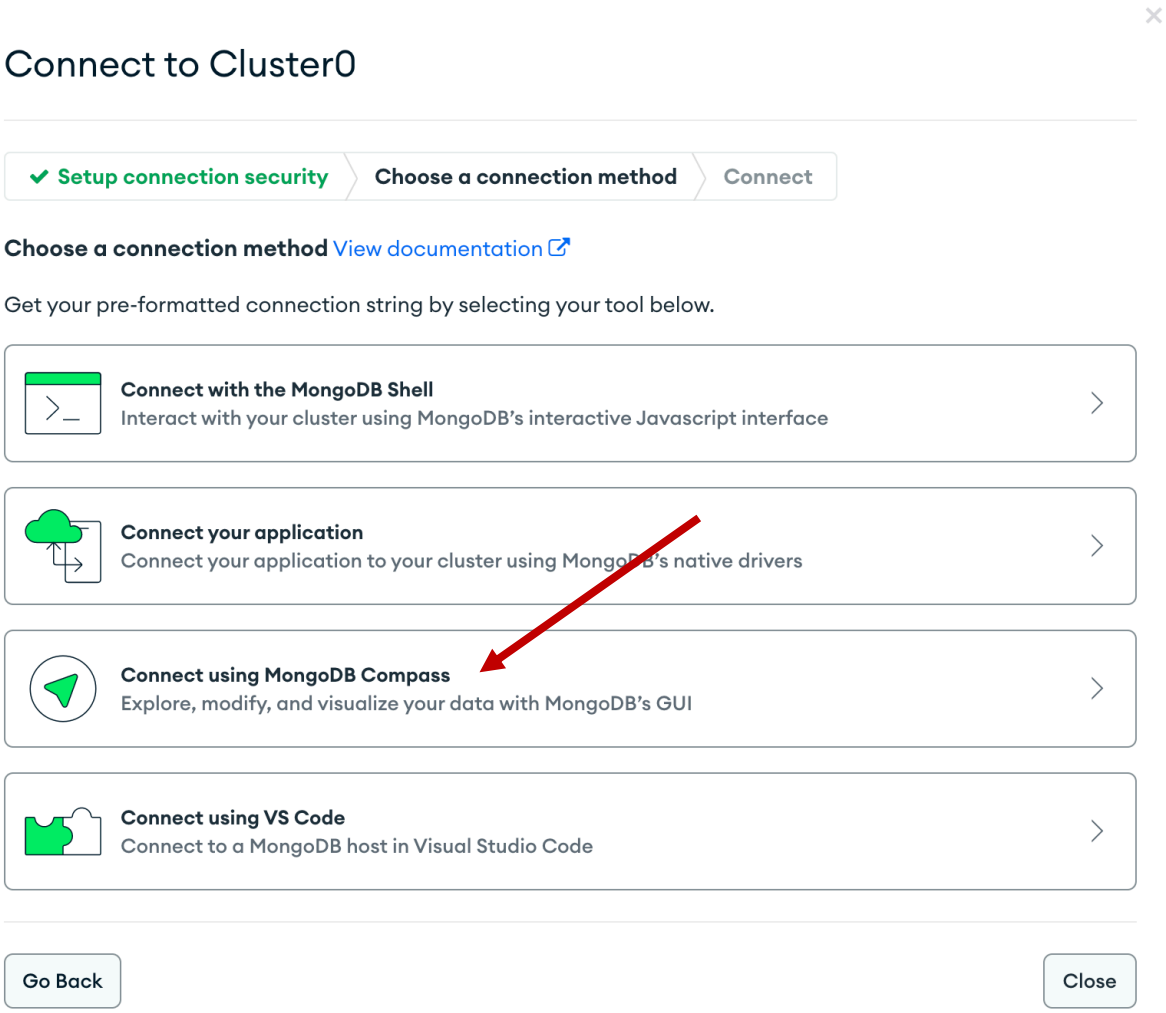
Clcik on the MongoDB app to open the software, you should see the following window:



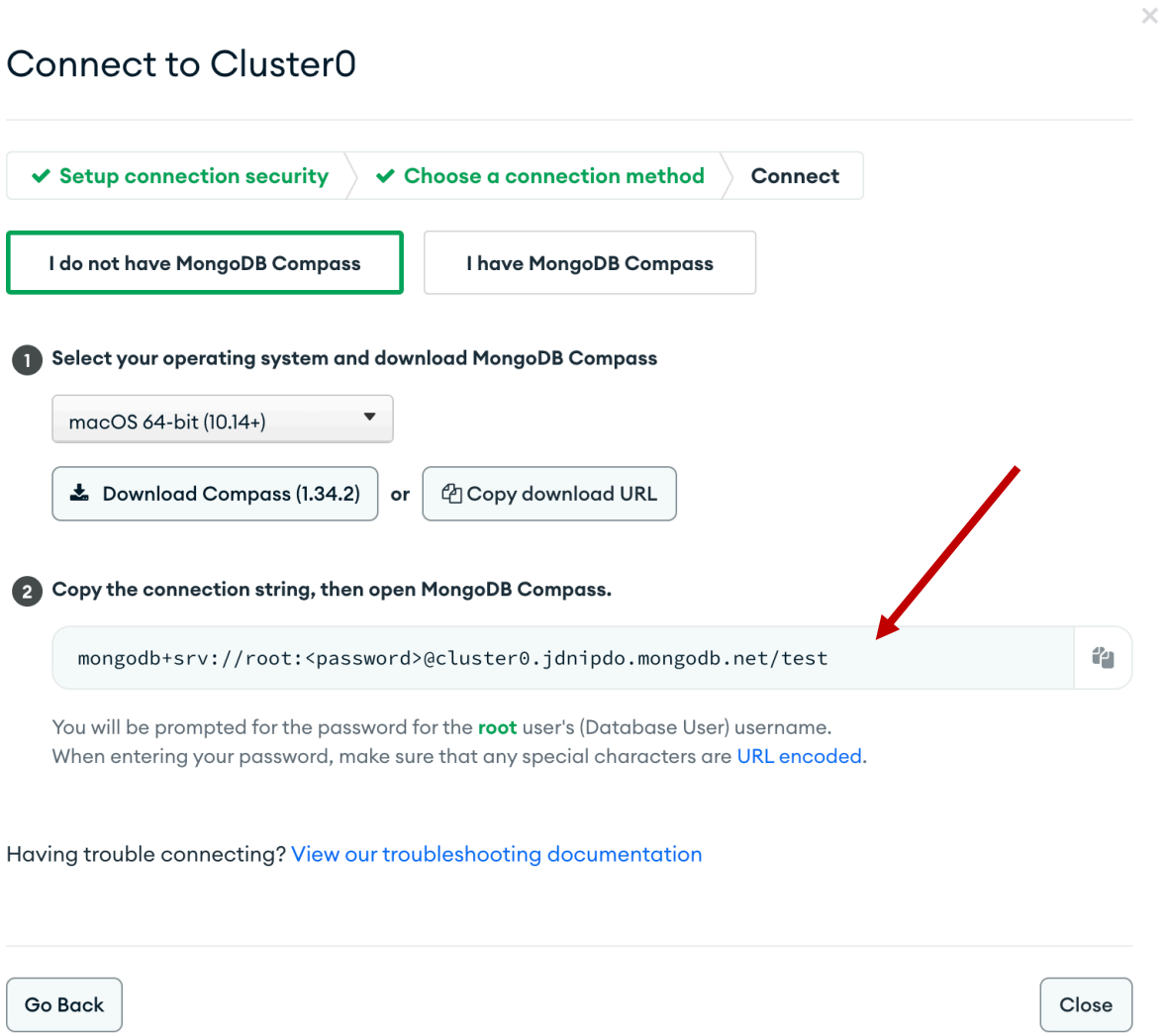
To create a new connection to our previous cluster, we neeed to go back to the **MongoDB Altas website** where you should stull be loged in and go to connexion, click on **Connect**:



You should get the following window:

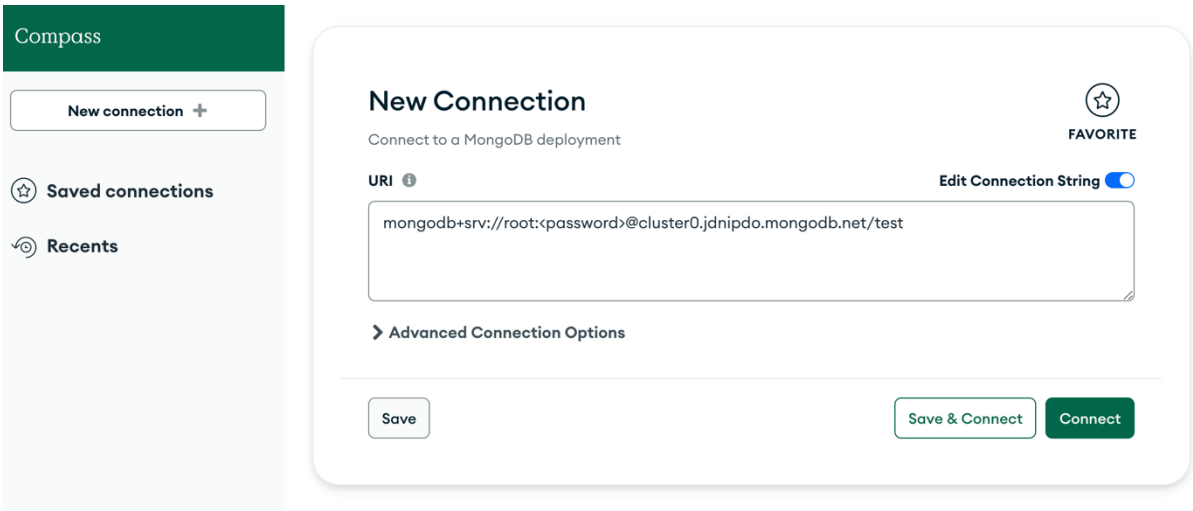


Click on **Connect using MongoDB Compass**.



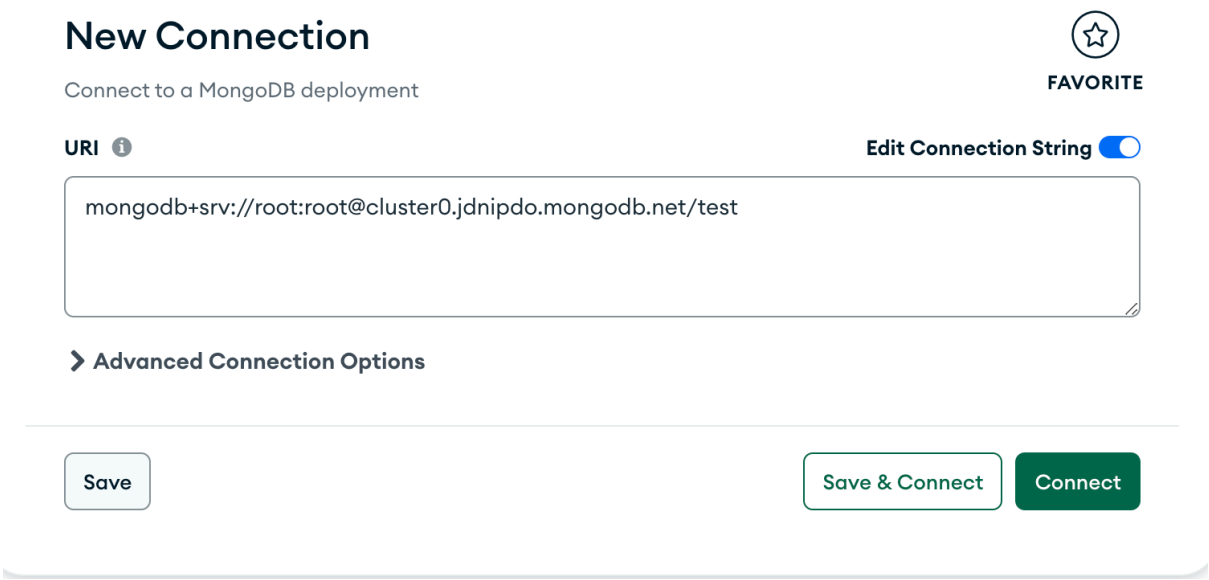
Copy the following string above shown by the red arrow. This is a connexion string to the database server we will be using in MongoDB Compass.

Go back to MongoDB Compass software you installed on your pc and paste the link your copiued from MongoDB Atlas:



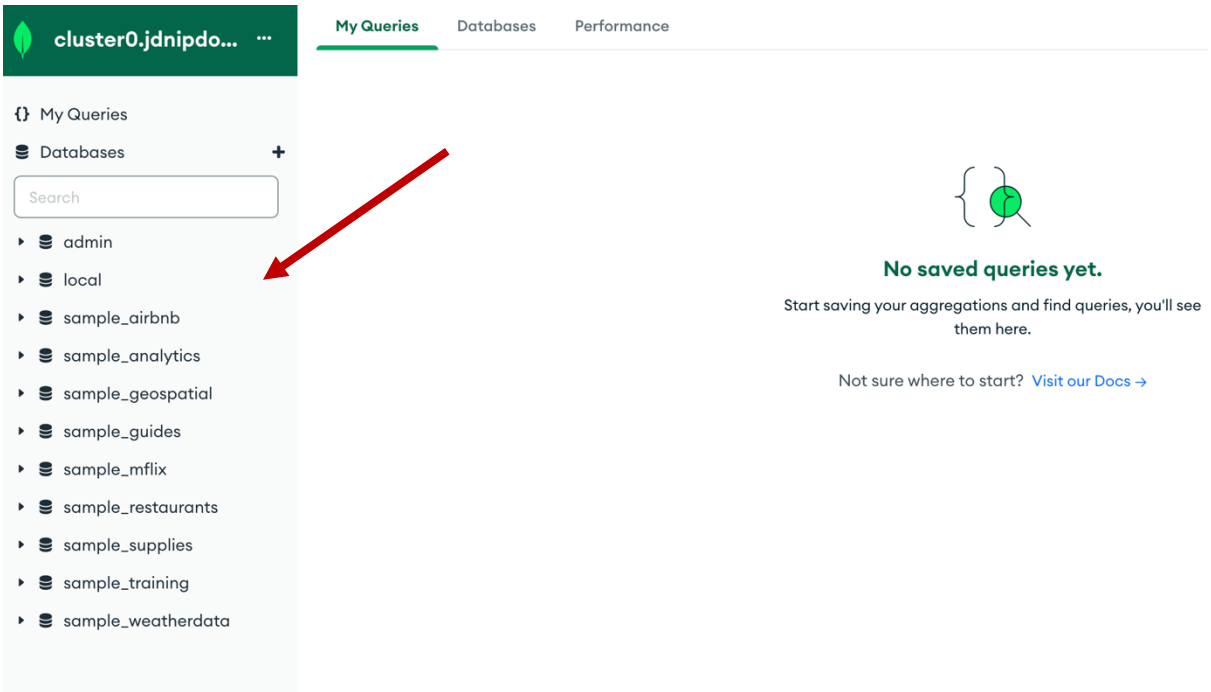
Now you need to change the password <password> in the string by the one you created earlier wich was: root.

Do the following modification on the string:



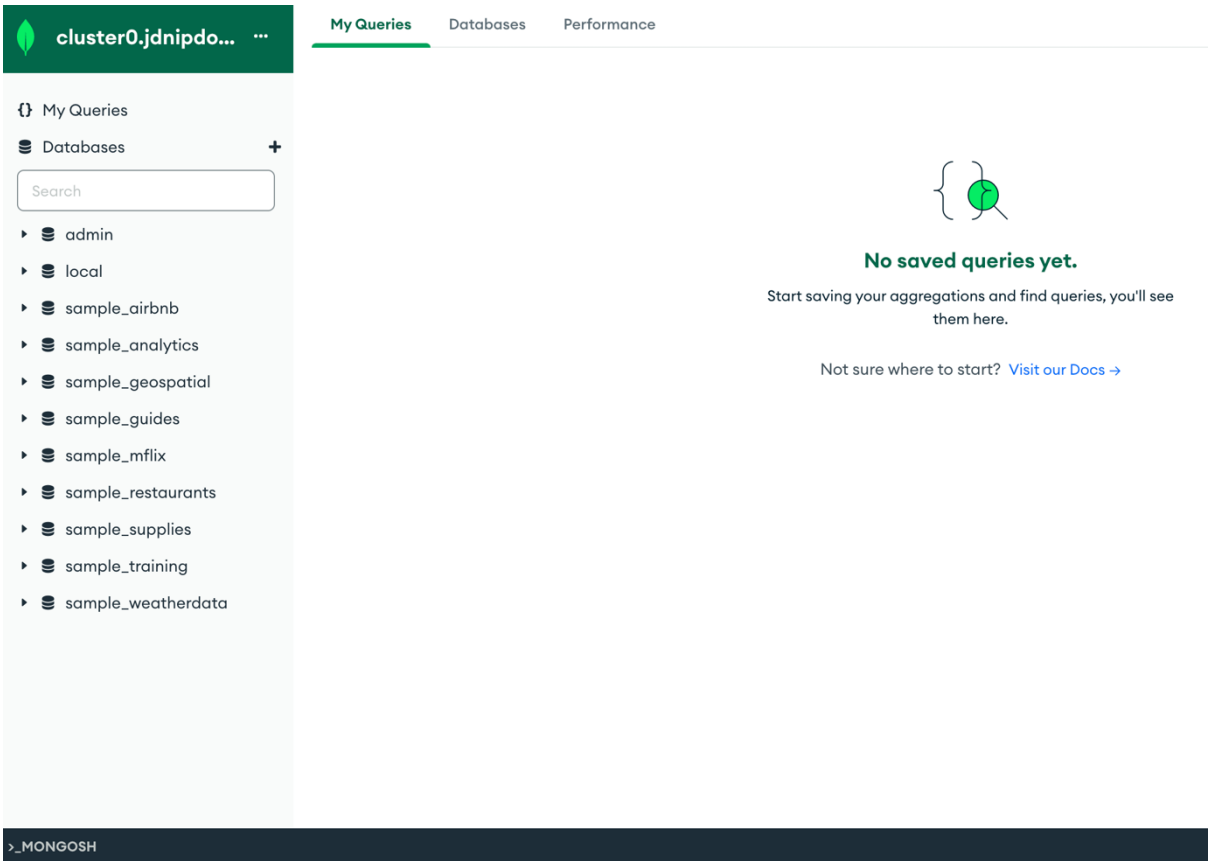
Click on **Connect**.

After a successful connection, you should see the databases from your cluster appearing in MongoDB compass on the left side:

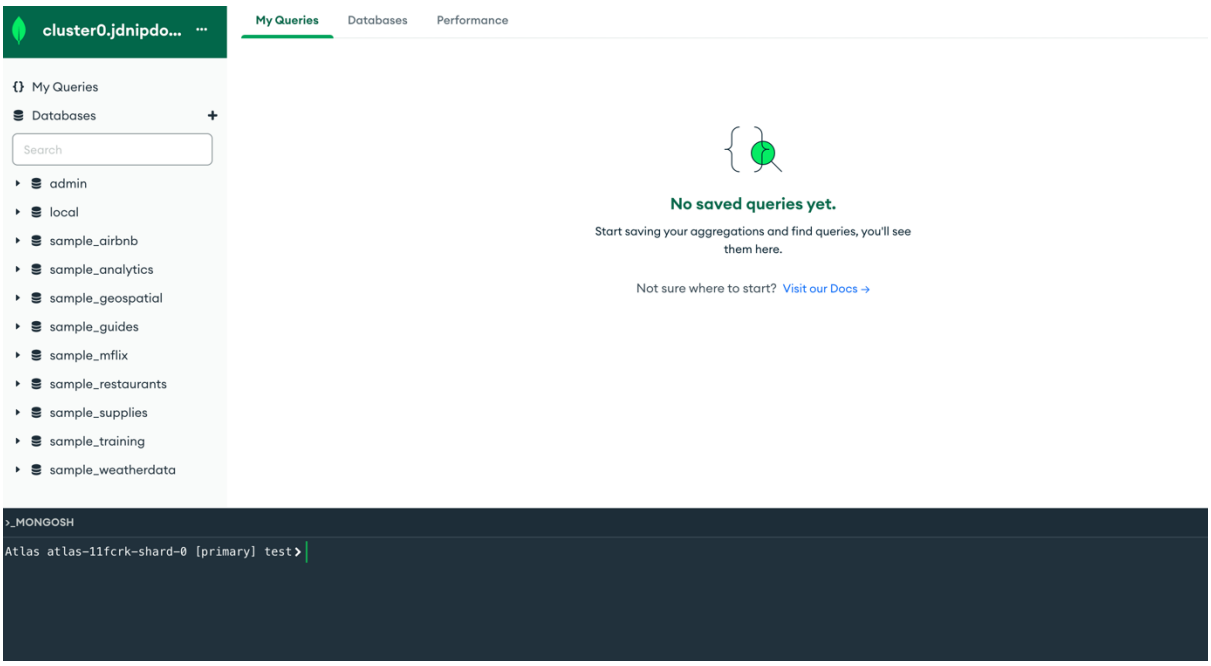


Click on some sample databases to see the data it contains. Date will be in the format of JSON, will talk about this format during the session.

Now we can use MongoDB SH (shell) from MongoDB Compass to do data fetching and modification to any datatbases there:



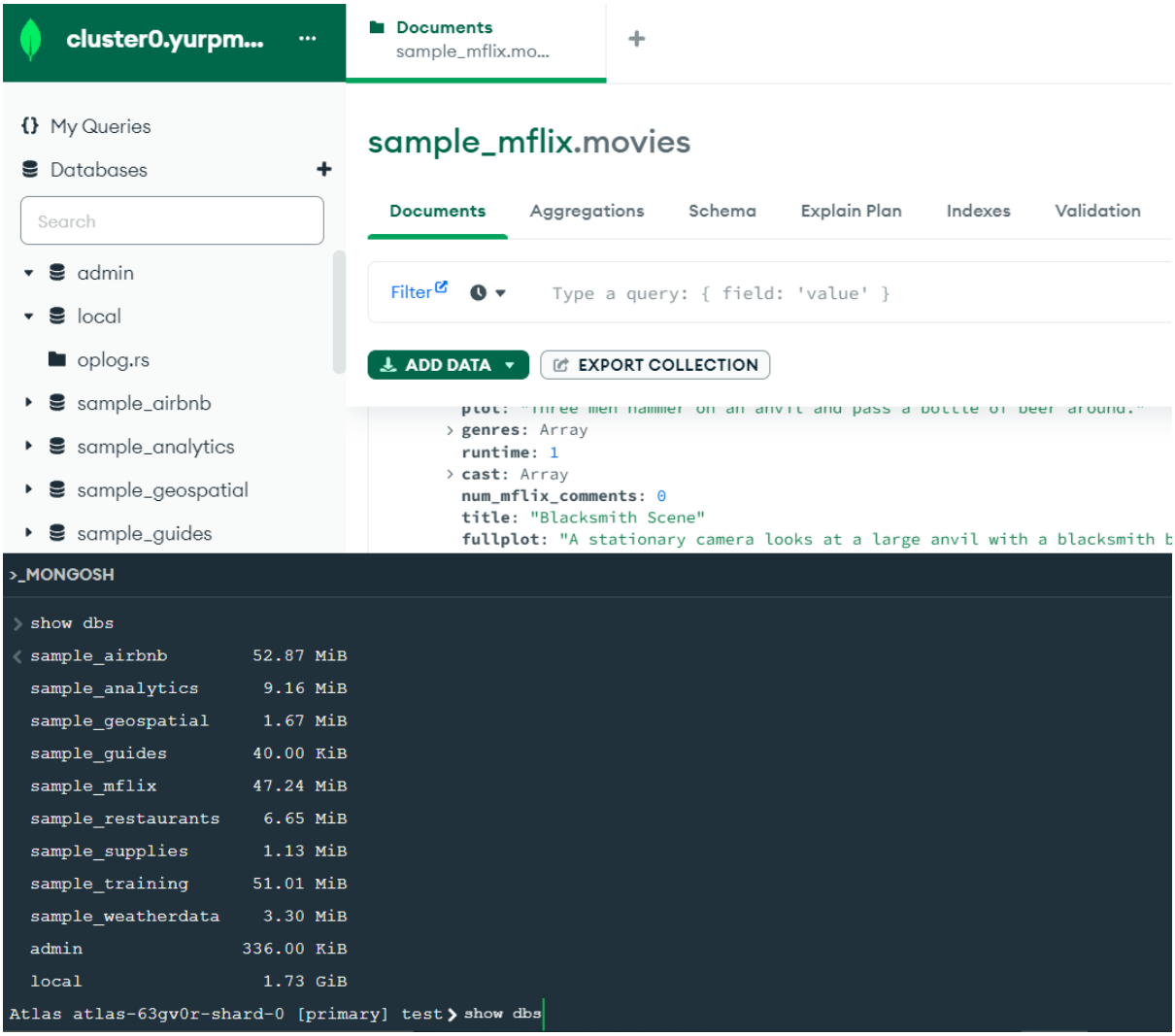
MongoDB SH is at the very borttom of the MongoDB Compass, you will need to drag up the window to reveal it more such as:



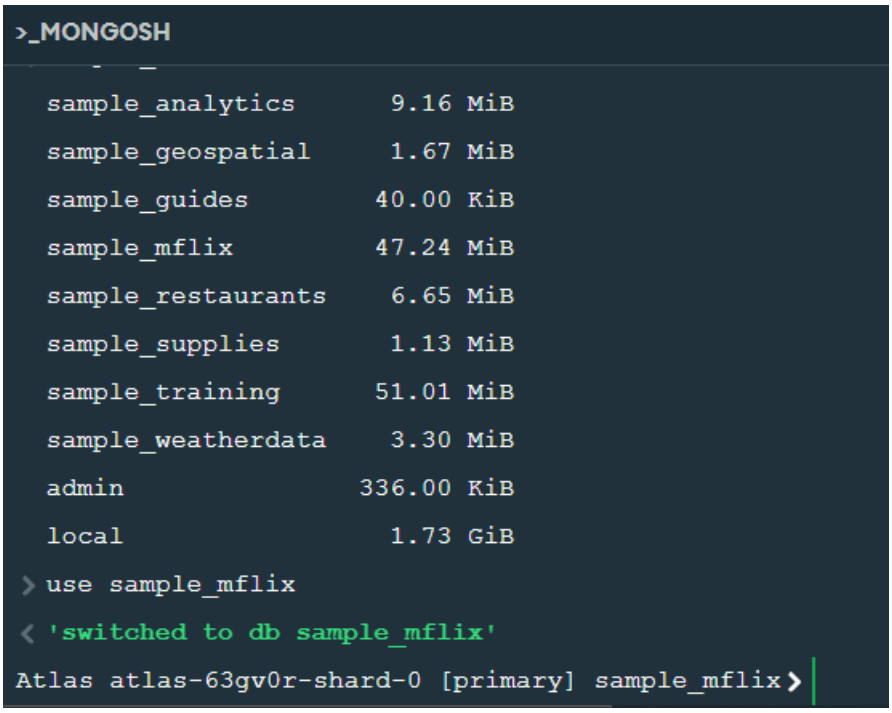
You should see a bigger black screen at the bottom now.

In MongoDB SH, write the command: **show dbs**

Hit enter.
You should see the list of databases:



Write the command: **use sample_mflix**
Hit enter.
Here you are telling Mongo Shell to use the database mflix that contains different tables with data regarding movies:



We will do data feching during out next session using the MongoDB shell.