Chapter 1: Driver Setup

Lab (Ungraded): Import Dataset
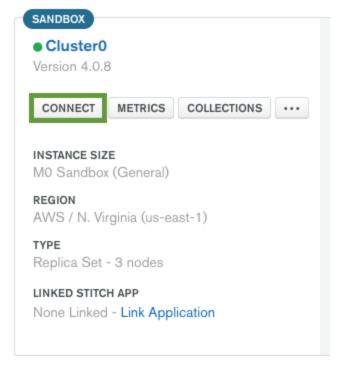

Problem:

Note: There should be a section of the `README.rst` titled "Importing Data". If you imported data into Atlas during the **README** lesson, you can skip this lesson. **If you used Load Sample Dataset, you can also skip this step.**

Now that your Atlas cluster is configured correctly, let's populate it with some data. All the data required for MFlix is contained in the `data` directory in the handout.
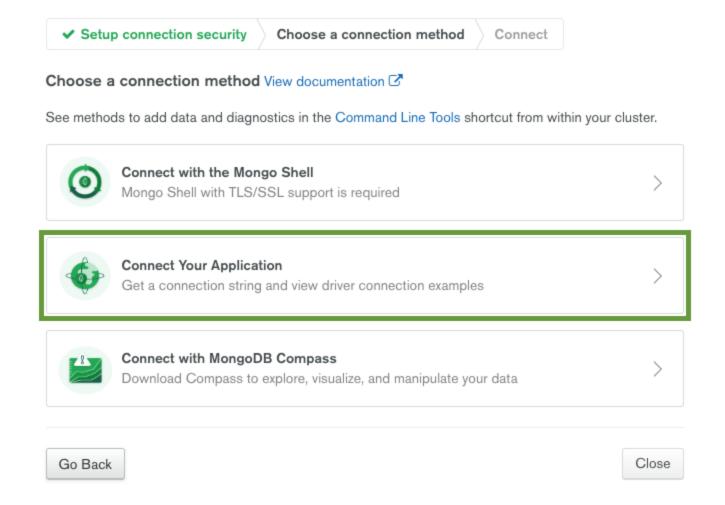
The `mongorestore` command necessary to import the data is located below. Copy the command and use the Atlas SRV string to import the data (including username and password credentials).

You can retrieve this SRV string from the Atlas website:

1. Click *Connect*:

SANDBOX

● **Cluster0**
Version 4.0.8

CONNECT | METRICS | COLLECTIONS | ...

INSTANCE SIZE
M0 Sandbox (General)

REGION
AWS / N. Virginia (us-east-1)

TYPE
Replica Set - 3 nodes

LINKED STITCH APP
None Linked - Link Application

2. Then click *Connect Your Application*:

Choose a connection method View documentation ⧉

See methods to add data and diagnostics in the Command Line Tools shortcut from within your cluster.

Connect with the Mongo Shell
Mongo Shell with TLS/SSL support is required ⟩

Connect Your Application
Get a connection string and view driver connection examples ⟩

Connect with MongoDB Compass
Download Compass to explore, visualize, and manipulate your data ⟩

Go Back   Close

3. Then copy the SRV string to your clipboard:

1 Choose your driver version

DRIVER

Node.js ⇕

VERSION

3.0 or later ⇕

2 Add your connection string into your application code

Connection String Only   Full Driver Example

mongodb+srv://**m220student:<password>**@cluster0-mcxlm.mongodb.net/t‹   ⎘ Copy

Replace **<password>** with the password for the *m220student* user.
When entering your password, make sure that any special characters are URL encoded.

Having trouble connecting? View our troubleshooting documentation

Remember to replace `<password>` with your own password!

Once you have the SRV string, pass it to the `--uri` parameter:

```
mongorestore --drop --gzip --uri mongodb+srv://m220student:m220password@<YOUR_CLUSTER_URI> data                    ⎘ COPY
```

A few tips when running `mongorestore`:

- The `--username` and `--password` flags cannot be used with and SRV string. Instead, the username and password should be **included** in the SRV string (i.e. `mongodb+srv://m220student:m220password@<your-cluster-address>`)
- In order to work properly, this command must be run from the top-level of the `mflix-<language>/` directory, where `<language>` is your chosen programming language.

You can verify that the data was imported by connecting to Atlas from the **mongo** shell:

```
mongo mongodb+srv://m220student:m220password@<YOUR_CLUSTER_URI>
```

COPY

Did you successfully import all the MFlix data into your Atlas cluster?

Attempts Remaining: ∞ **Unlimited Attempts**

Choose the best answer:

○ Yep, I imported the data into Atlas!

Submit

Proceed to next section