CORE MODULE 3

Aim: Installation MongoDB

Install MongoDB Atlas

STEP 1: Click this link download the MongoDB Atlas.

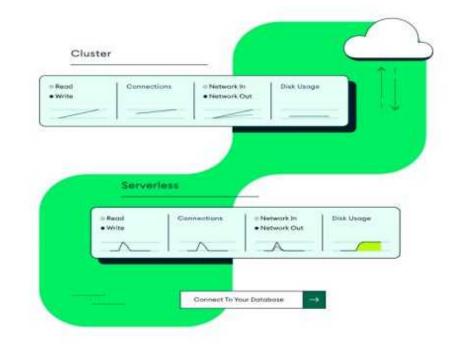
http://www.mongodb.com/Atlas

STEP 2: Click on Try Free

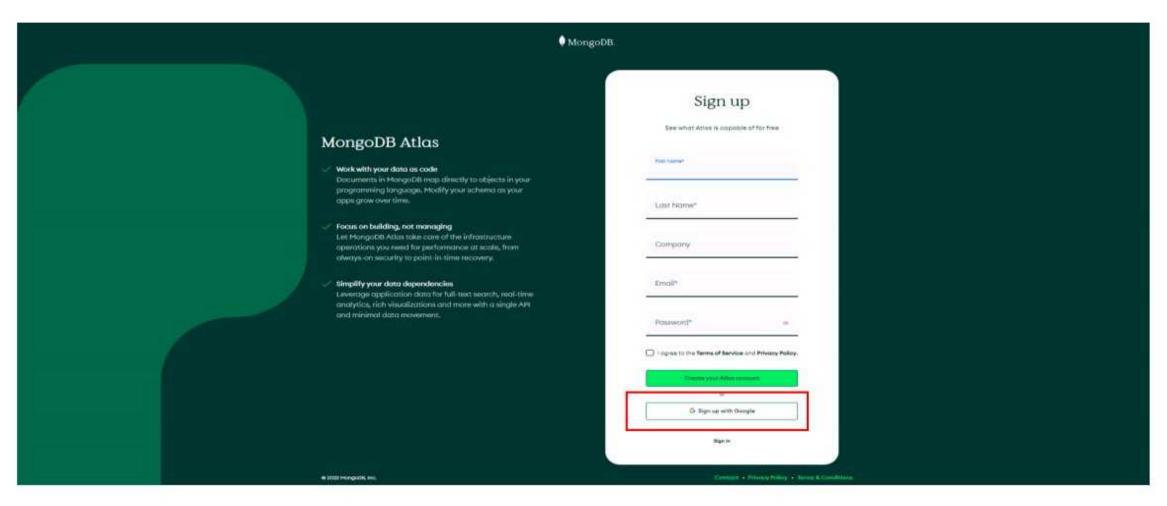
MongoDB Atlas.
The multi-cloud
developer data
platform.

An integrated suite of cloud database and data services to
accelerate and simplify how you build with data.

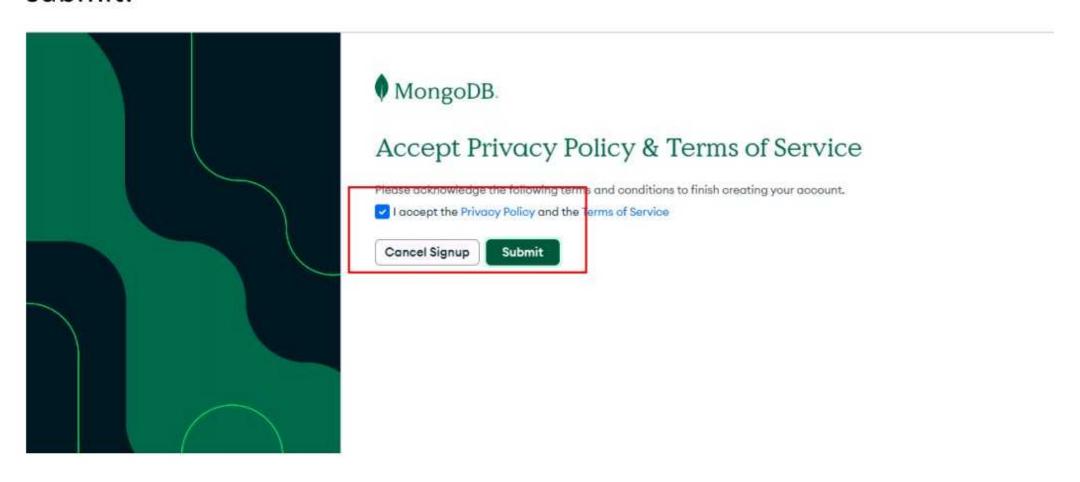
Try free contact sales →



STEP 3: Click on sign up with google



STEP 4: select your google account then click the checkbox then click on submit.



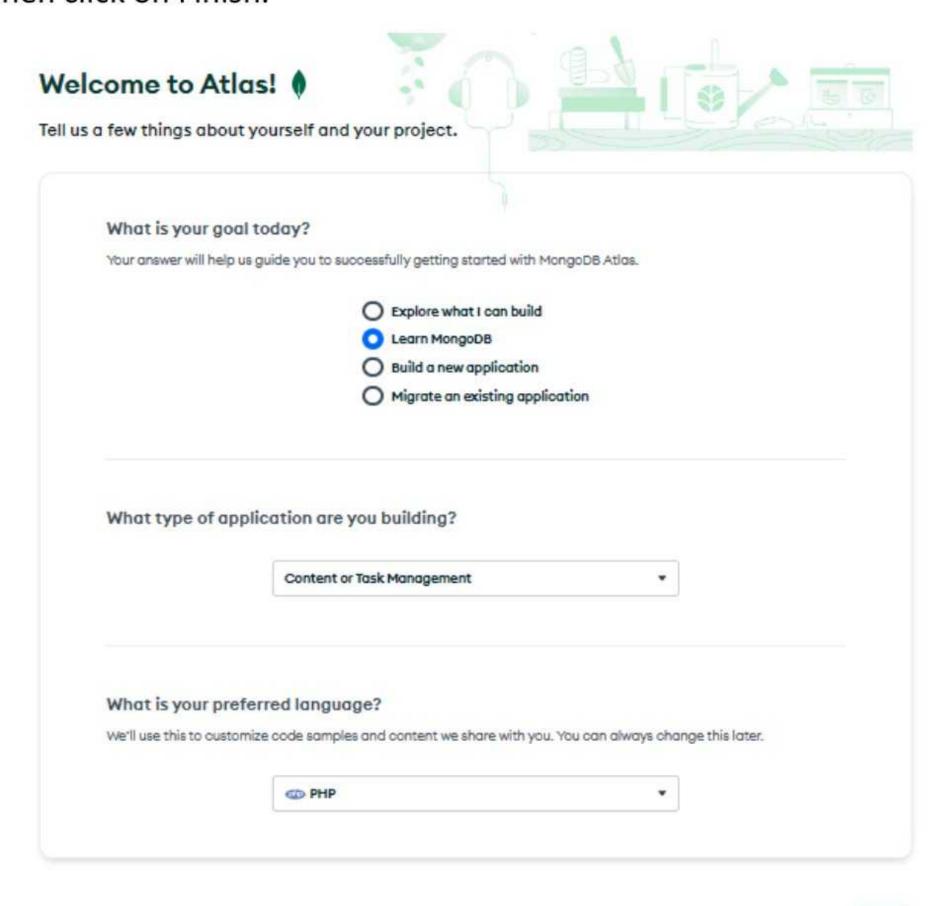
STEP 5: Account Created.



STEP 6: Select

- What is goal today (<u>Learn MongoDB</u>)
- What type of application are you building (<u>content or task</u> <u>management</u>)
- What is your preferred language (<u>PHP</u>)

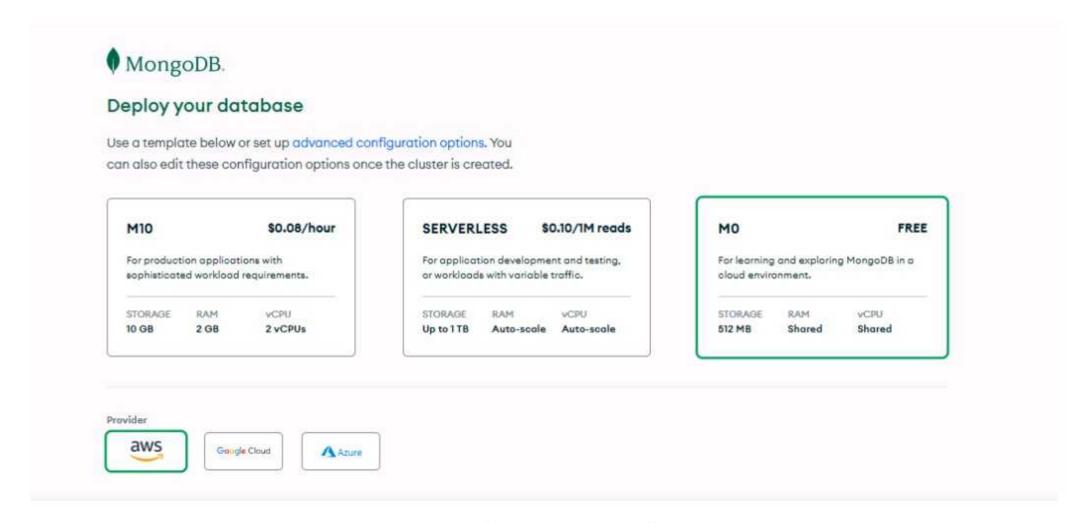
Then click on Finish.



Finish

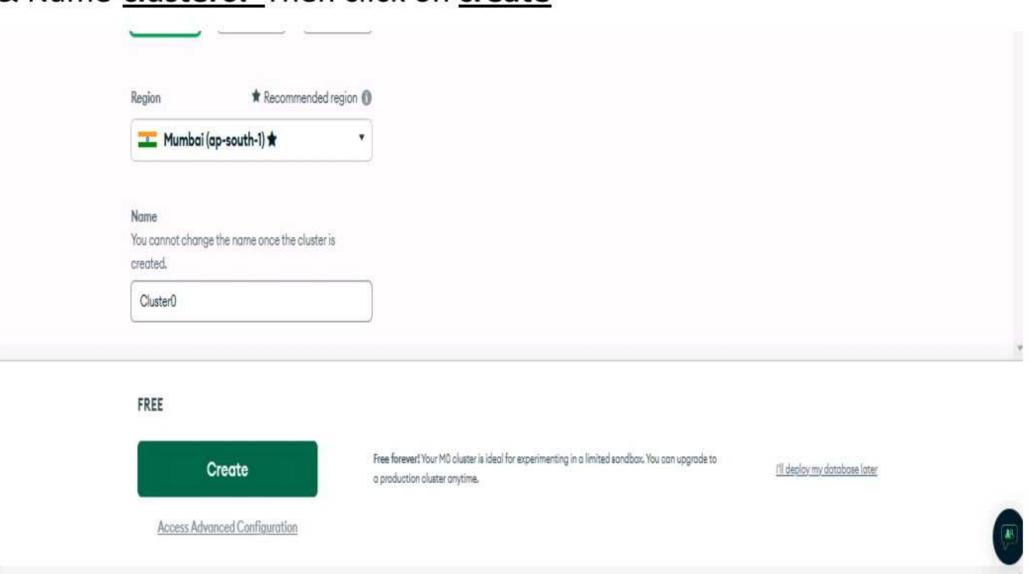
STEP 7: Select from Deploy your database

- M0 free
- AWS(Amazon Web Services) from Provider



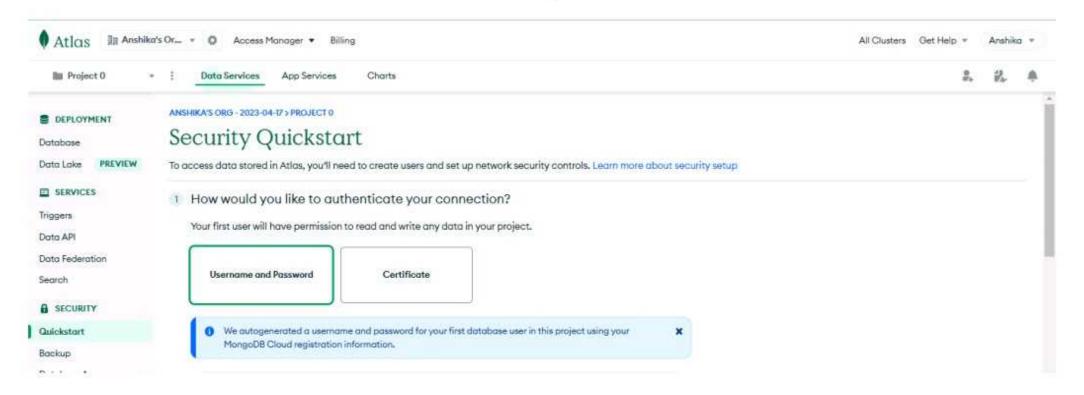
STEP 8: Select Region- Mumbai(ap-south-1)

& Name-cluster0. Then click on create

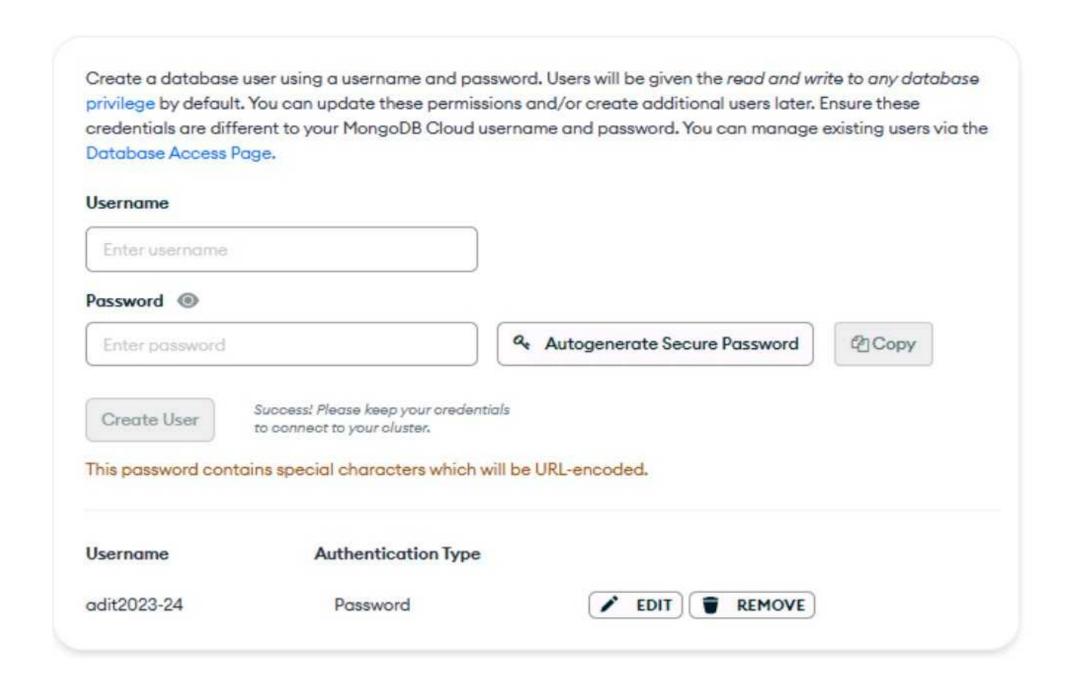


STEP 9: Select from security Quick start

Click on <u>Username & Password</u>

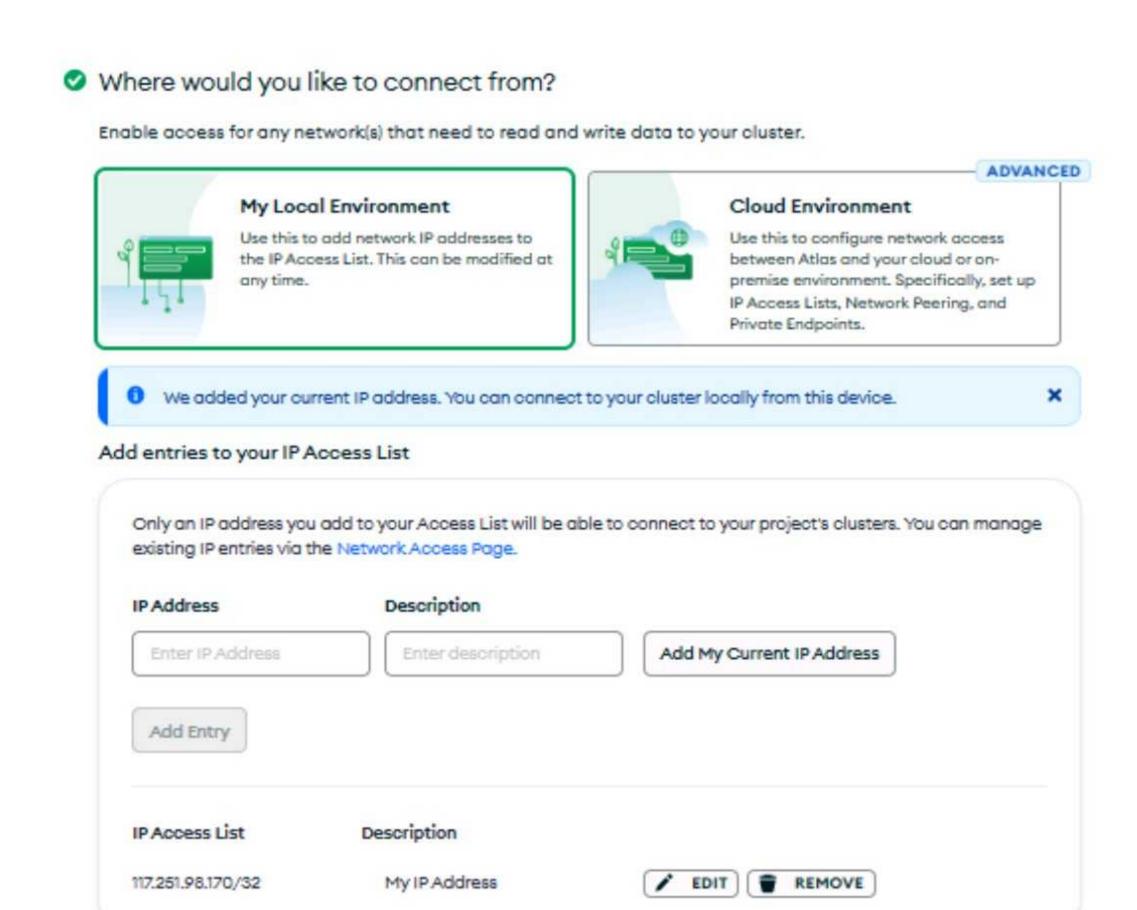


STEP 10: Create username & password



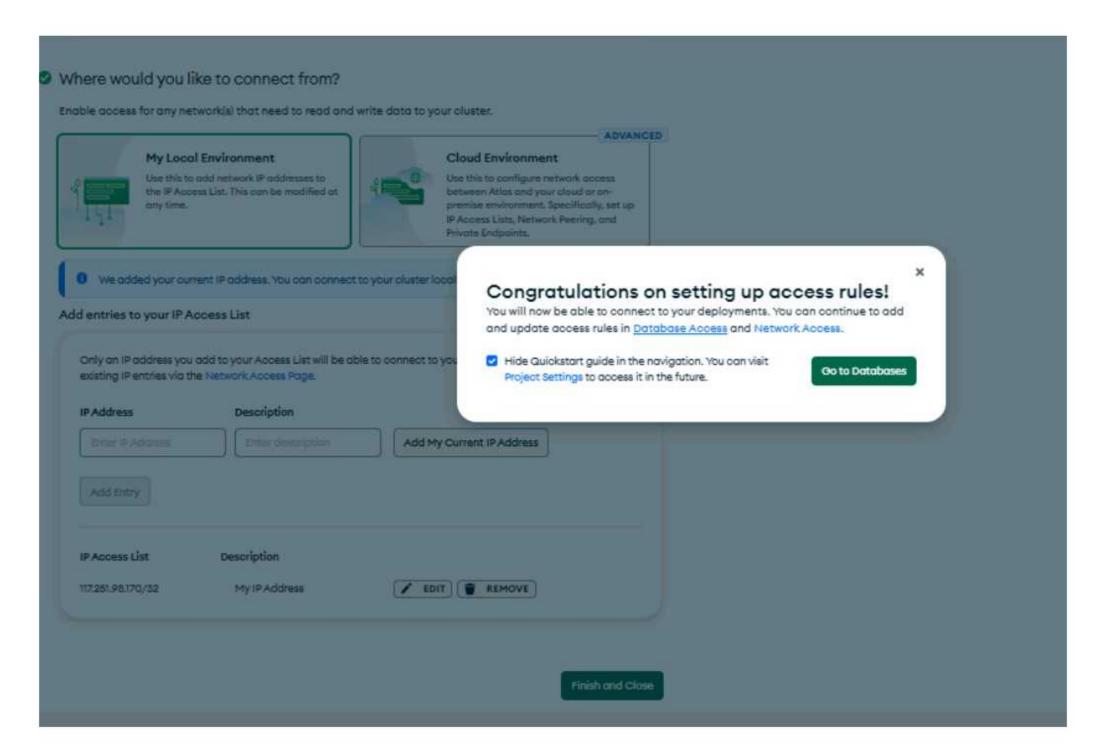
STEP 11: Click on My Local Environment

- Then Click on Add My Current IP Address
- Then click on Finish & Close



Finish and Close

STEP 12: Click on Go to Database

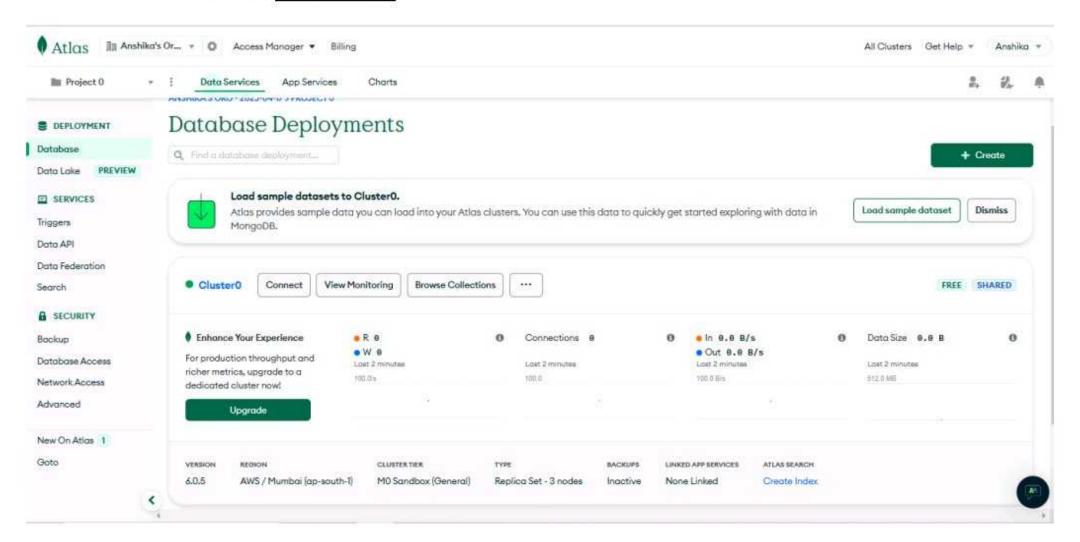


STEP 13: Click on SetUp

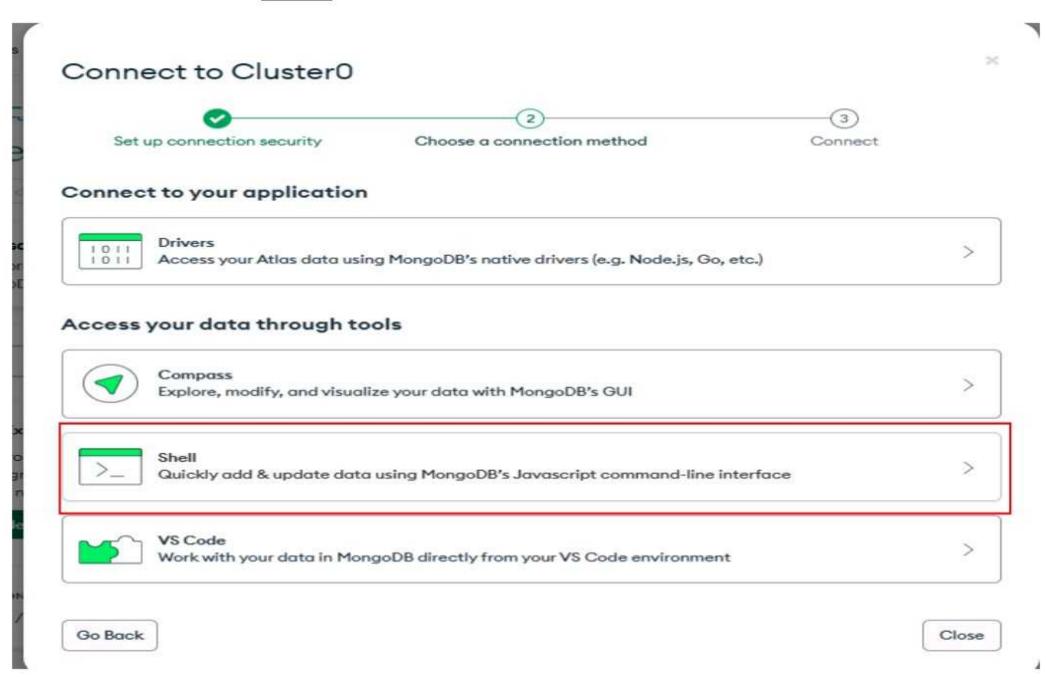


Connect to Cluster0

STEP 14: Click on Connect

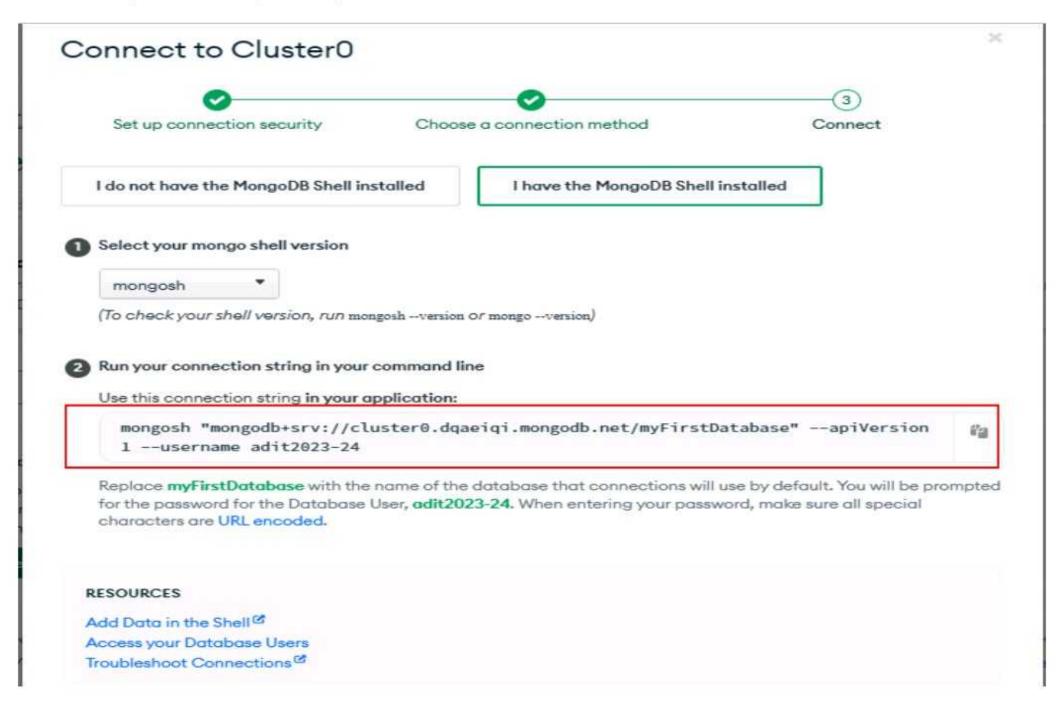


STEP 15: Click on Shell



STEP 16: Click on I have the MongoDB shell installed

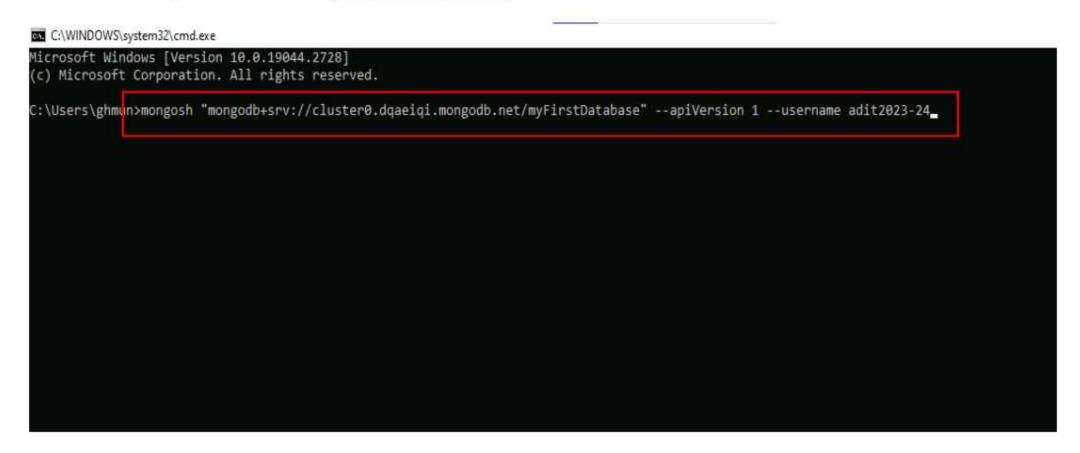
Then copied the path given here



STEP 17: go to command prompt

Win+R then type cmd then click ok.

After that pasted the copied path here



STEP 18: Enter the password then hit enter

Now successfully connect to atlas.

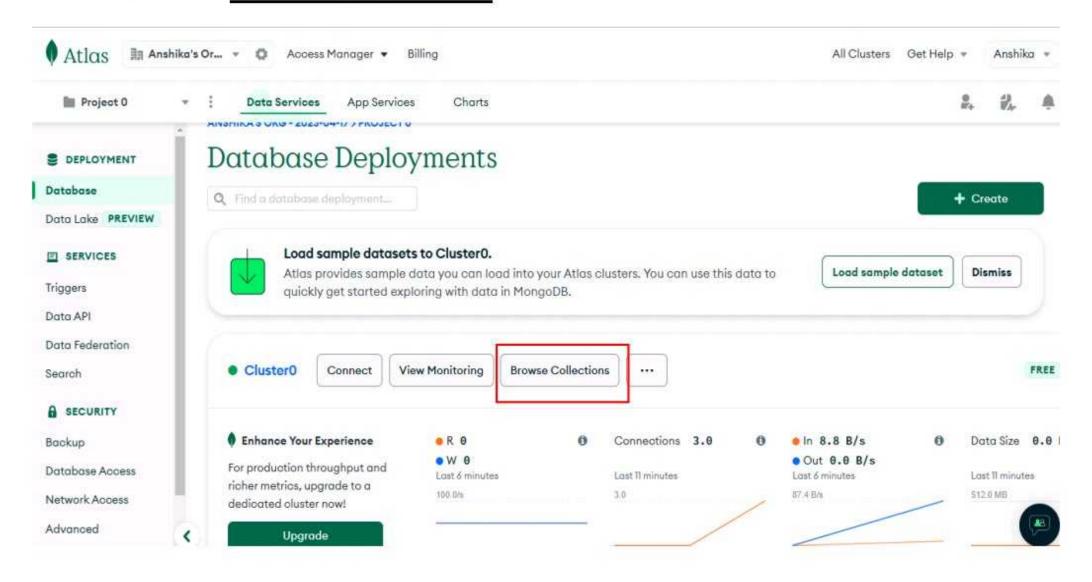
```
Image: Imag
```

STEP 19: create a database and create collection and insert the document in the collection.

```
Select mongosh mongodb+srv://<credentials>@cluster0.dqaeiqi.mongodb.net/myFirstDatabase
Microsoft Windows [Version 10.0.19044.2728]
(c) Microsoft Corporation. All rights reserved.
C:\Users\ghmun>mongosh "mongodb+srv://cluster0.dqaeiqi.mongodb.net/myFirstDatabase" --apiVersion 1 --username adit2023-24
Enter password: ********
Current Mongosh Log ID: 643d283dda2acf22a8c7e096
Connecting to: mongodb+srv://<credentials>@cluster0.dqaeiqi.mongodb.net/myFirstDatabase?appName=mongosh+1.8.0
Using MongoDB:
                       6.0.5 (API Version 1)
Using Mongosh:
                       1.8.0
For mongosh info see: https://docs.mongodb.com/mongodb-shell/
                                                                     Create database
Atlas atlas-55ggi7-shard-0 [primary] myFirstDatabase> use Adit
Atlas atlas-55ggi7-shard-0 [primary] Adit> db.data.insert({Course:"ADIT", Duration:"2 Year"})
                                                                                                  Create
DeprecationWarning: Collection.insert() is deprecated. Use insertOne, insertMany, or bulkwrite
                                                                                                 collection &
  acknowledged: true,
                                                                                                 insert the data
  insertedIds: { '0': ObjectId("643d28ab613b5bcb0bb48c35") }
Atlas atlas-55ggi7-shard-0 [primary] Adit> db.data.find().pretty()
    id: ObjectId("643d28ab613b5bcb0bb48c35"),
                                                           Show the
    Course: 'ADIT',
                                                           data insert
   Duration: '2 Year'
                                                           the collection
Atlas atlas-55ggi7-shard-0 [primary] Adit>
```

STEP 20: now show the insert data on mongoDB atlas

Click on <u>Browse Collection</u>



STEP 21: Now able to show our insert data.

