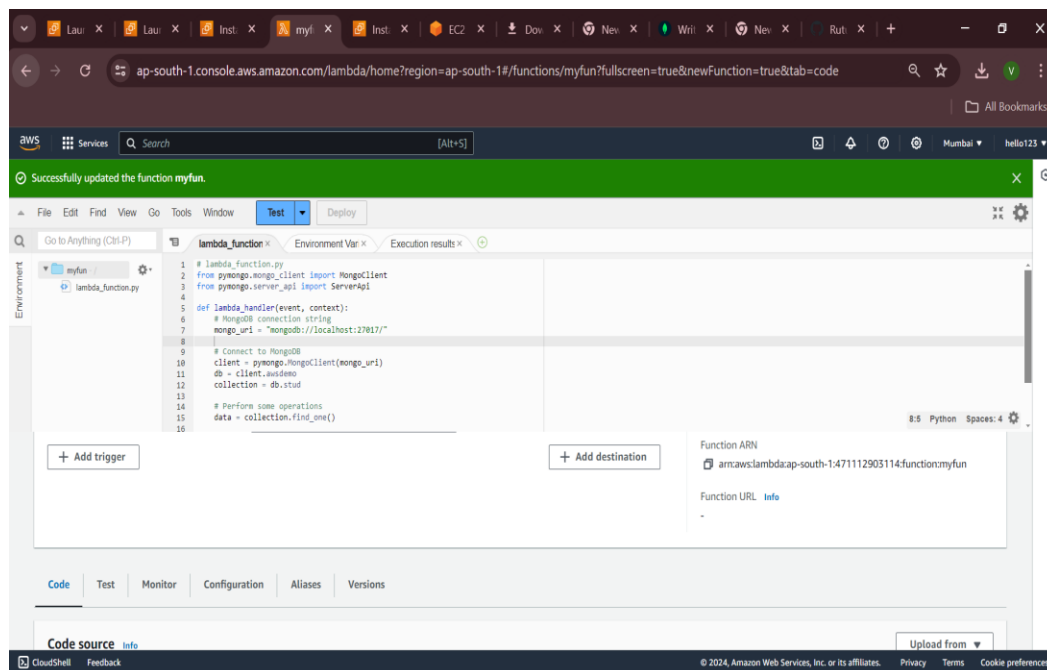


# ⌘ Connect python to mongodb service of aws using lambda

## 1. Create a Lambda Function:

- Log in to your AWS Management Console.
- Navigate to the Lambda service.
- Click on "Create function."
- Choose "Author from scratch."
- Provide a function name and choose Python as the runtime.
- Create a new role with basic Lambda permissions or use an existing role.

## 2. Lambda Function Code:



The screenshot shows the AWS Lambda console interface. At the top, a green banner indicates "Successfully updated the function myfun." Below this, the "Code" tab is selected, displaying the Python code for the function. The code imports the necessary libraries and defines a handler function that connects to a MongoDB instance and performs a find operation. The right sidebar shows the function's ARN and URL. The bottom of the console includes a footer with copyright information and links to CloudShell, Feedback, Privacy, Terms, and Cookie preferences.

```
1 # lambda_function.py
2 from pymongo.mongo_client import MongoClient
3 from pymongo.server_api import ServerApi
4
5 def lambda_handler(event, context):
6     # MongoDB connection string
7     mongo_uri = "mongodb://localhost:27017/"
8
9     # Connect to MongoDB
10    client = pymongo.MongoClient(mongo_uri)
11    db = client.audemo
12    collection = db.stud
13
14    # Perform some operations
15    data = collection.find_one()
16
```

Function ARN: `arn:aws:lambda:ap-south-1:471112903114:function:myfun`

Function URL: [info](#)

## 3. Mongodb conection:

