Install MongoDB and pymongo for mac:

For those using a Linux, follow the installation guide on the official website:
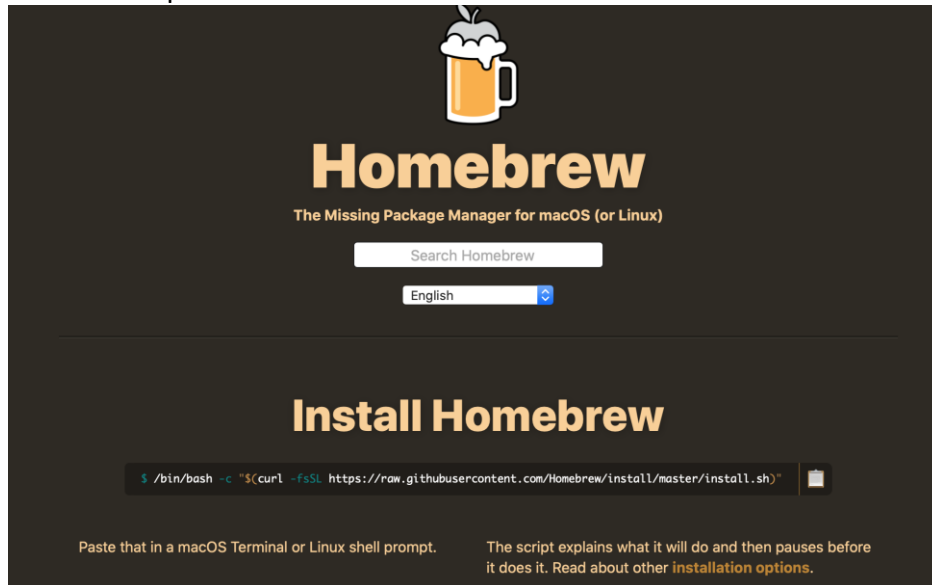https://docs.mongodb.com/manual/administration/install-on-linux/
(It differs depending on your Linux distribution)

Step 1: Install Hombrew (I highly recommend homebrew if you not already installed it)
Link: https://brew.sh
Open up terminal and paste the command onto it

Give it some time to complete…

Step 2: Install mongoDB:
With the same terminal window or a new one if you like, enter "brew tap mongodb/brew"

Then install mongodb by entering "brew install mongodb-community@4.4"

Give it some time to complete...

Step 3: Start mongoDB
You can simply start mongoDB with the following command:
brew services start mongodb-community@4.4

Do not close the terminal running the mongodb terminal while using mongoDB.

Step 4: Starting mongo Shell:
You can start the mongo shell with the "mongo" command. To exit out of the shell use the "exit" command

Step 5: Setting up mongoDB on Python with pymongo:
Simply: pip install pymongo
If you use anaconda: conda install -c anaconda pymongo
(Remember to conda install in the correct environment when using anaconda)

Step 6: Verify Installation
Open up python/ any IDE you like/ any text editor you like.
Type the following commands:


```
1  import pymongo
2  from pymongo import MongoClient
3
4  client = MongoClient()
5
6  print(client.list_database_name())
```

Output should be the following: ['admin', 'config', 'local']
The installation is all done!

Step 7: Stopping mongoDB
You can stop mongoDB with the following command:
brew services stop mongodb-community@4.4

```
ansonyang77@AY-MBP15 ~ % brew services stop mongodb-community@4.4
Stopping `mongodb-community`... (might take a while)
==> Successfully stopped `mongodb-community` (label: homebrew.mxcl.mongodb-community)
ansonyang77@AY-MBP15 ~ %
```

For a tutorial of how to use pymongo:
https://api.mongodb.com/python/current/tutorial.html