

## Importing the JSON dataset in MongoDB shell running on EC2 instance from local [Linux/MAC users]

### Prerequisites:

1. Make sure you are logged in your EC2 instance and the Security group is set to MyIP.
2. Make sure you are connected to the EC2 instance, and are inside MongoDB Shell.

Documentation to EC2 login steps is given in 'Setting up database on EC2' segment of this session .

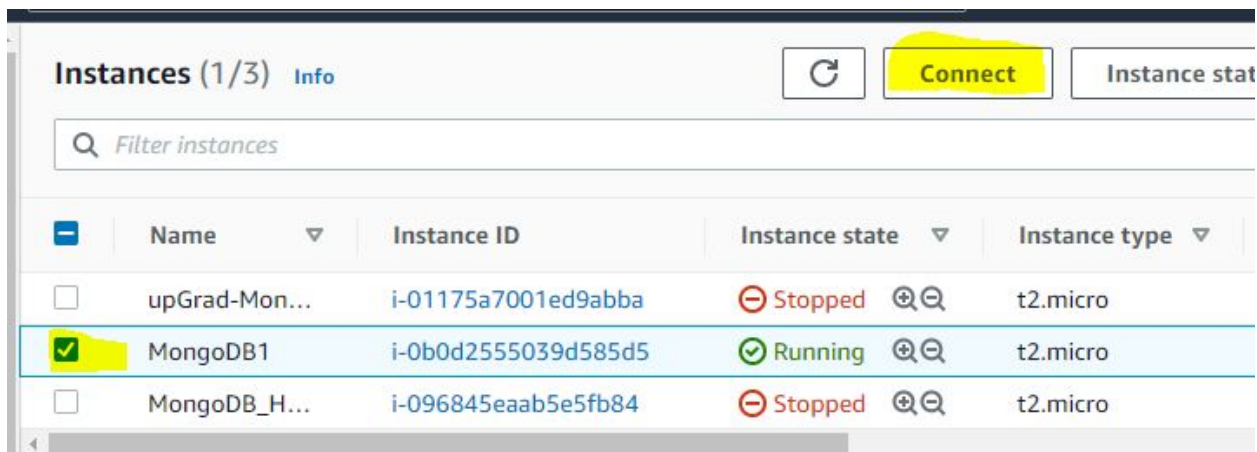
- To start the MongoDB server on EC2 instance, you can run the command:

```
sudo service mongod start
```

- To enter in MongoDB shell, you can run the command: `mongo`

Get the public IP address of your EC2 instance by following steps:

1. Select the instance you want to connect to, click on 'Connect'



Instances (1/3) <a href="#">Info</a>				
	Name	Instance ID	Instance state	Instance type
<input type="checkbox"/>	upGrad-Mon...	i-01175a7001ed9abba	Stopped	t2.micro
<input checked="" type="checkbox"/>	MongoDB1	i-0b0d2555039d585d5	Running	t2.micro
<input type="checkbox"/>	MongoDB_H...	i-096845eaab5e5fb84	Stopped	t2.micro

## 2. Copy the Public IP Address

**Connect to instance** [Info](#)

Connect to your instance i-0b0d2555039d585d5 (MongoDB1) using any of these options


**EC2 Instance Connect**

Session Manager


SSH client

---

Instance ID

 i-0b0d2555039d585d5 (MongoDB1)

**Public IP address**

 54.227.211.137

User name

- On the terminal, type the command -

```
mongoimport --host 54.227.211.137 --db products --collection purchases --file  
~/Downloads/purchases.json --jsonArray
```

```
(base) vimohan-mn1:~ vimohan$ mongoimport --host 54.89.78.57 --db pro  
ducts --collection purchases --file ~/Downloads/purchases.json --json  
Array
```

Here '**--host**' is used to notify the host on which MongoDB is running. In our case, it is the EC2 instance; so we put the public IP address of the EC2 instance.

- The Syntax to import the json file looks like this:

```
mongoimport --host <IP> --db <database name> --collection <collection name> --file  
<file path> --jsonArray
```

4. Once you hit enter, the message below should be shown on the terminal.

```
2021-01-18T02:18:08.376+0530    connected to: mongodb://54.89.78.57/  
2021-01-18T02:18:10.782+0530    330 document(s) imported successfully  
. 0 document(s) failed to import.
```

You have successfully dumped data on your EC2 instance. You are ready to enter in your MongoDB shell and perform your queries.