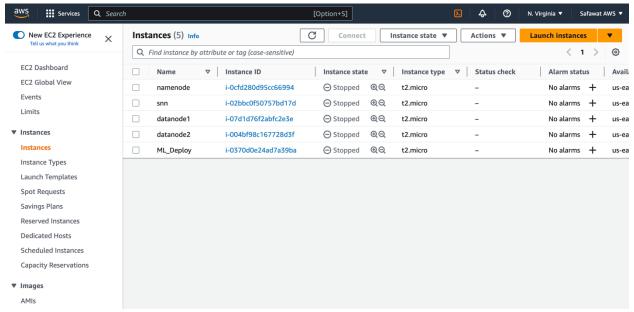
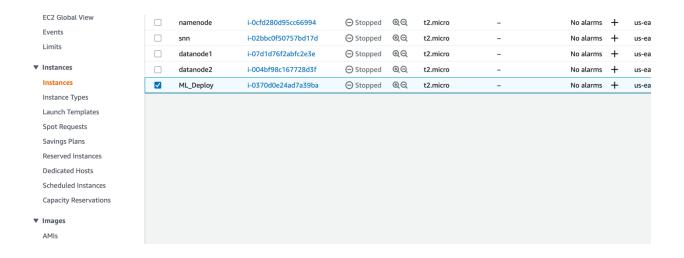
## Deploy ML on AWS

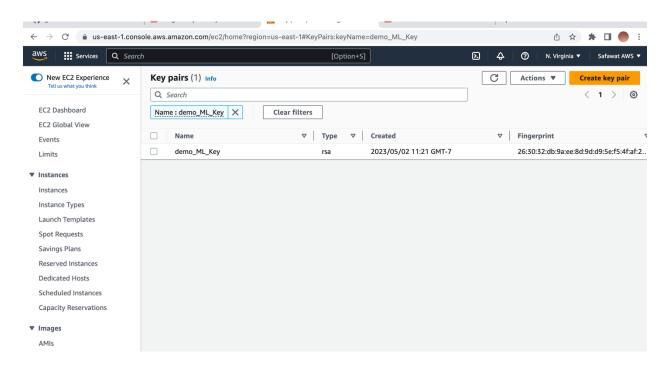
1. Create AWS account.



2. Create a new EC2 ubuntu instance. I created ML deploy instance.



3. Generate SSH key pair to connect AWS instance with the shell.



- 4. Run ML deploy instance.
- Connect instance with ssh with the help demo ML Key

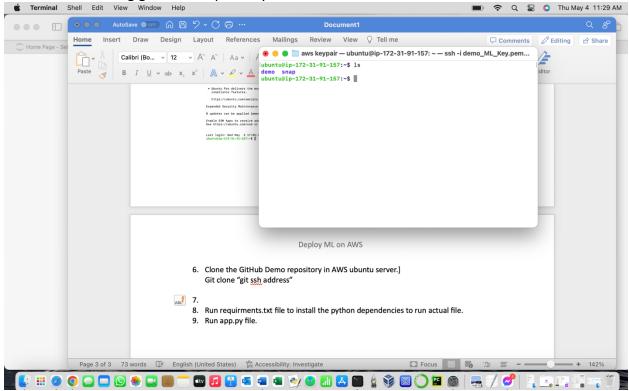
```
-rw-r--r- 1 leo_mac staff 448781 Mar 17 11:39 university_ranking.jpynb
-rw-r--r- 1 leo_mac staff 4276454 Apr 26 01:17 us_accident_part2.jpynb
(base) leo_mac@Safawats-MacBook-Pro 0 esktop (base) leo_mac@Safawats-MacBook-Pro Desktop % ls
|Screenshot 2023-06-02 at 8.36.80 PM.png
|Screenshot 2023-06-02 at 8.36.00 PM.png
|Screenshot 2023-06-04 at 11.13.33 AM.png
|Screenshot 2023-06-04 at 11.13.33 AM.png
|Screenshot 2023-06-04 at 11.13.34 AM.png
|Screenshot 2023-06-04 at 11.13.37 AM.png
* Documentation: https://help.ubuntu.com

* Management: https://landscape.canonical.com

* Support: https://ubuntu.com/advantage
      System information as of Thu May 4 18:23:07 UTC 2023
     | System load: 0.10595703125 | Processes: 98 |
| Usage of /: 41.8% of 7.570B | Users logged in: 0 |
| Memory usage: 24% | IPv4 address for eth0: 172.31.91.157
      Memory usage: 24%
Swap usage: 0%
    * Ubuntu Pro delivers the most comprehensive open source security and compliance features.
        https://ubuntu.com/aws/pro
  Expanded Security Maintenance for Applications is not enabled.
  Enable ESM Apps to receive additional future security updates. See https://ubuntu.com/esm or run: sudo pro status
  Last login: Wed May 3 17:05:45 2023 from 172.56.241.96 ubuntu@ip-172-31-91-157:~$ ■
```

6. Clone the GitHub Demo repository in AWS ubuntu server.] Git clone "git ssh address"

7. After cloning git Demo repository on the AWS ubuntu server



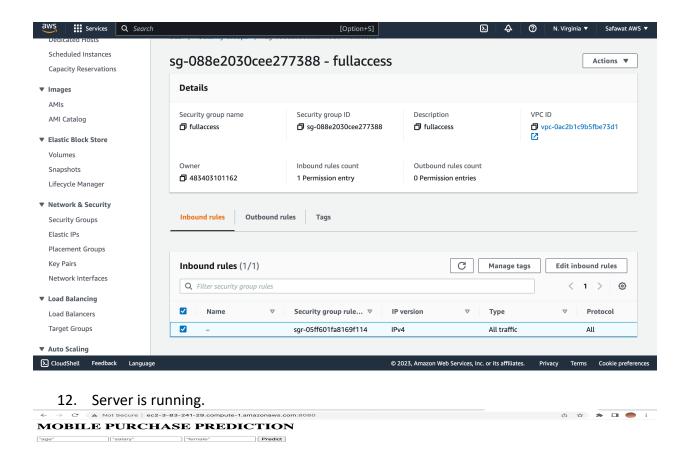
8. Run requirments.txt file to install the python dependencies to run actual file.

Command: pip install -r requirements.txt

9. Run app.py file. Command: python3 app.py

- 10. Now the server is running on 8080 port.
- 11. Create security group fullaccess to give access to ML API from different server.

## Deploy ML on AWS



Submitted to : Data glacier Batch code:LISUM20

DATE:04/05/2023