DEPLOY THE PYTHON BASED APPLICATION

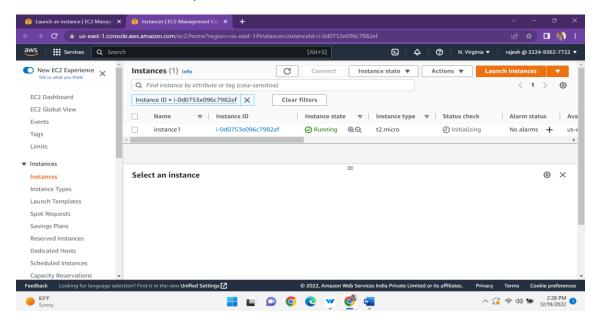
SIGN into the aws console and create an ec2 instance with the ubuntu server and give the custamized vpc and security group are

SSH-22

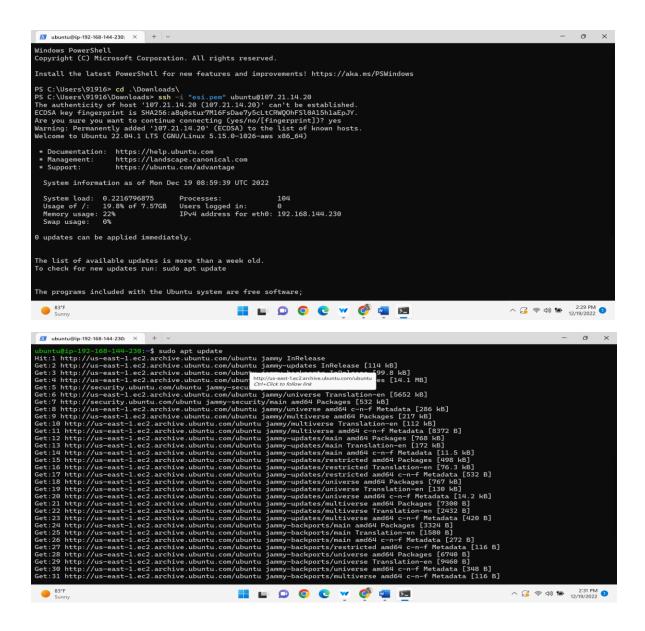
HTTP-443

HTTPS-8080

TCP-7070,8000



Connect the ec2 instance with the terminal and update the system with the help of the command
----> sudo apt update

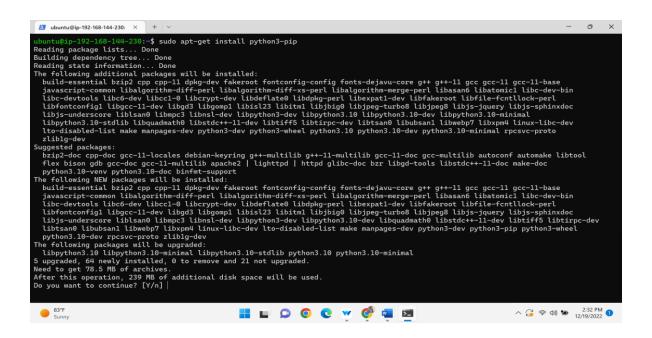


After upgrade the packages in the ubuntu machine with the help of the command

And then install the python in the ubuntu machine

Sudo apt-get full-upgrade -y

Pip3 is the official package manager and pip command for python3 .it enables the installation and management of third party software packages with features and functionality not found in the python standard library.



And clone the code from the repository by using

Git clone https://github.com/kallasrikanth1999/fish-git

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And go to the directory install the required packages and run the flask server

- --> pip3 install -r requirements.txt
- --> python3 app.py

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≥ ubuntu@ip-192-168-144-230: × +
  ubuntu@ip-192-168-144-230:~/fish$ python3 app.py
/home/ubuntu/.local/lib/python3.10/site-packages/sklearn/base.py:329: UserWarning: Trying to unpickle estimator DecisionTreeRegressor
from version 1.1.1 when using version 1.1.2. This might lead to breaking code or invalid results. Use at your own risk. For more inf
 oplease refer to:
https://scikit-learn.org/stable/model_persistence.html#security-maintainability-limitations
 warnings.warn(
/home/ubuntu/.local/lib/python3.10/site-packages/sklearn/base.py:329: UserWarning: Trying to unpickle estimator RandomForestRegressor
from version 1.1.1 when using version 1.1.2. This might lead to breaking code or invalid results. Use at your own risk. For more inf
  p please refer to:
https://scikit-learn.org/stable/model_persistence.html#security-maintainability-limitations
 warnings.warn(
/home/ubuntu/.local/lib/python3.10/site-packages/sklearn/base.py:329: UserWarning: Trying to unpickle estimator OneHotEncoder from ve
rsion 1.1.1 when using version 1.1.2. This might lead to breaking code or invalid results. Use at your own risk. For more info please
  refer to:
https://scikit-learn.org/stable/model_persistence.html#security-maintainability-limitations
  warnings.warn(
* Serving Flask app 'app'
* Debug mode: on
                                                        ver. Do not use it in a production deployment. Use a production WSGI server instead.
 * Running on http://127.0.0.1:8000
  * Restarting with stat
home/ubuntu/.local/lib/python3.10/site-packages/sklearn/base.py:329: UserWarning: Trying to unpickle estimator DecisionTreeRegressor
from version 1.1.1 when using version 1.1.2. This might lead to breaking code or invalid results. Use at your own risk. For more inf
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https://scikit-learn.org/stable/model_persistence.html#security-maintainability-limitations
   warnings.warn(
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Here, after running python3 app.py it will generate local host ip address we can't access web app with that ip adress then here we want to edit the file app.py with some details.

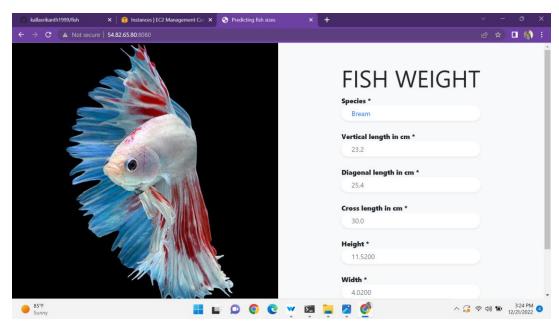
Sudo vi app.py

Go to the very bottom of the file and paste the following text and save the file

App.run(host='0.0.0.0', port=8080, debug=True)

Now again run the flask server by using the below command Python3 app.py

Copy the public ip adress and paste it on terminal with required port number



And again clone the fuel-consumption repository

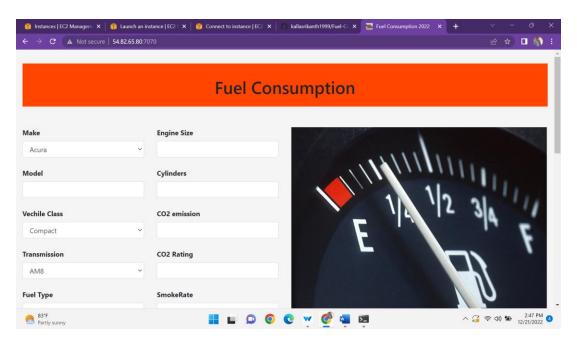
Go to that directory install the requirements .txt

Run the flask server

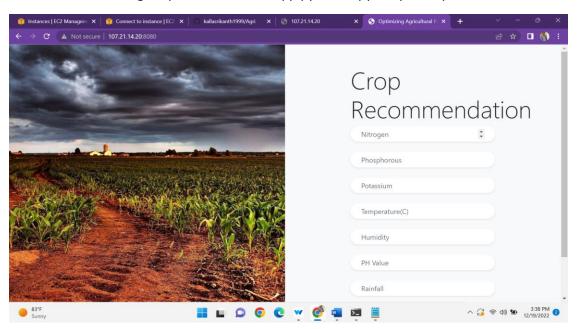
Edit the sudo vi app.py

And again run python3 app.py

Copy the public ip adress and paste it on the browser



And after clone the agri repo and same edit app.py and copy the public ip on browser



And then clone the liver-patient repo

