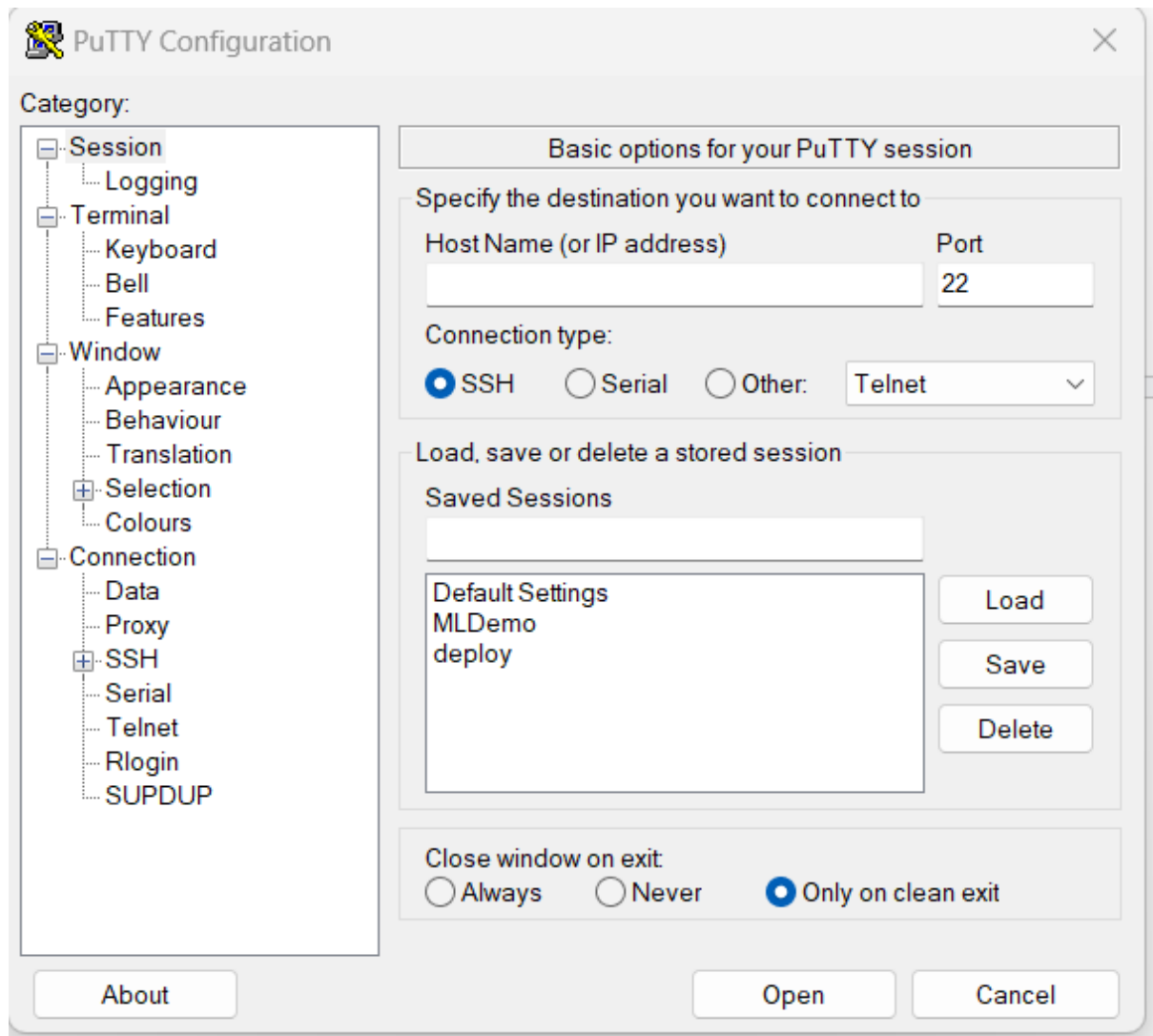


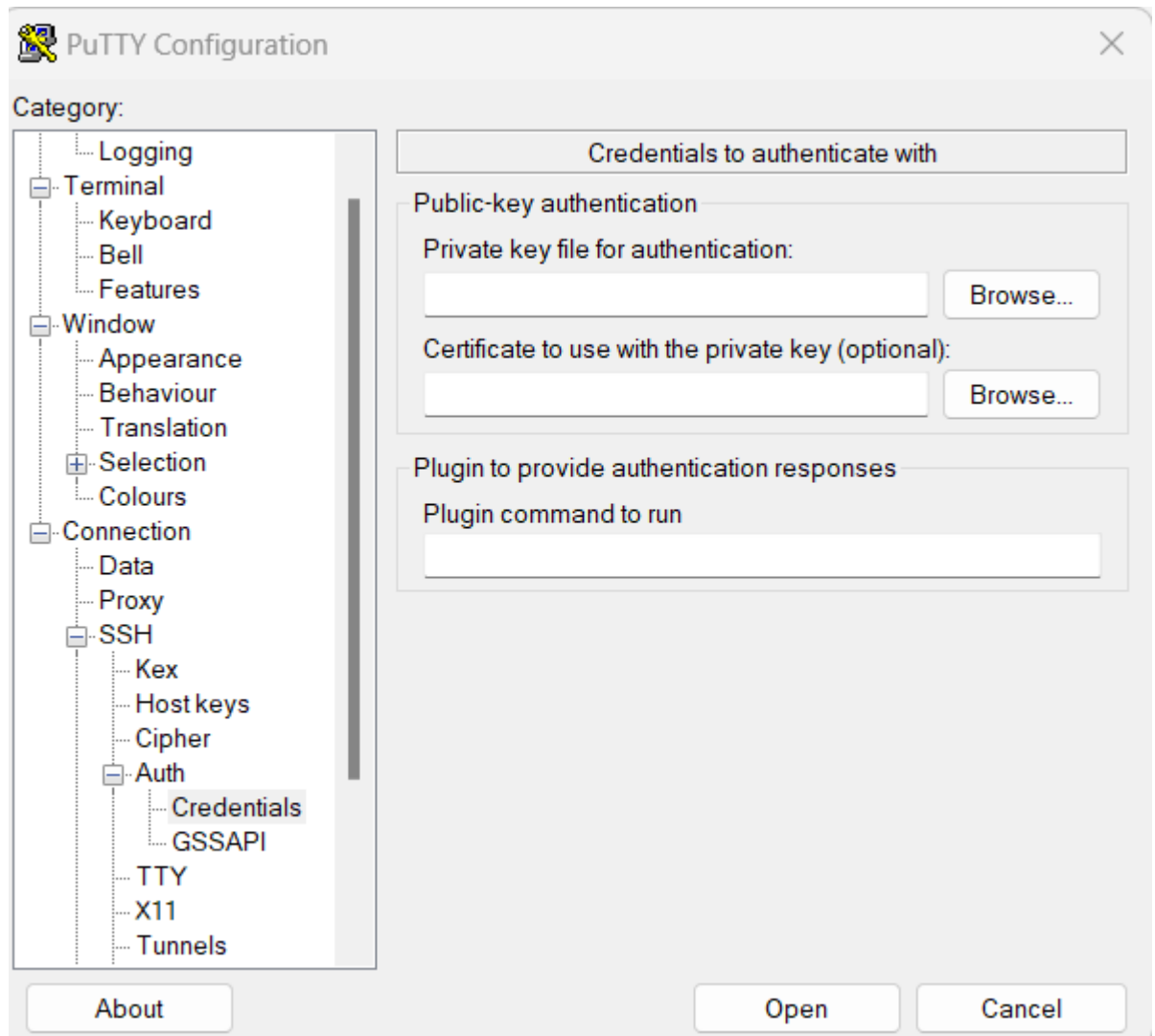
Adult Census Income Prediction

WireFrame Documentation

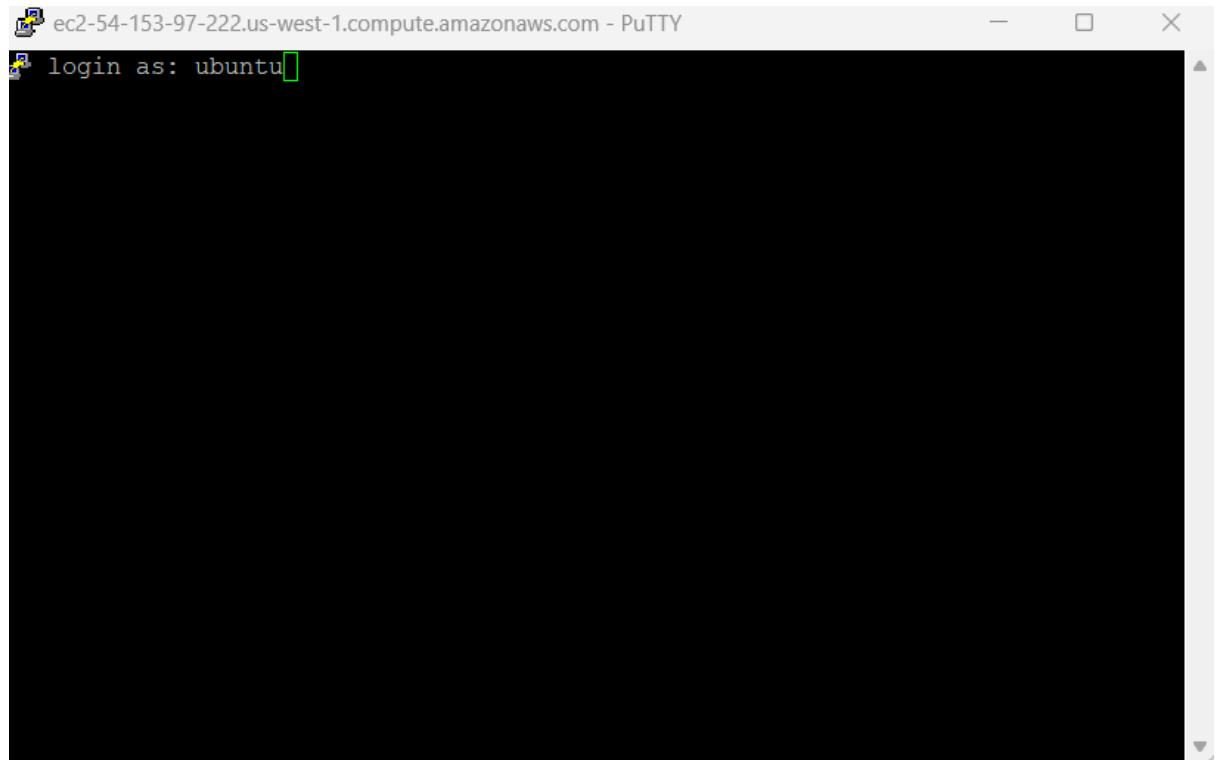
1. Open Putty and give the public DNS in the Host name



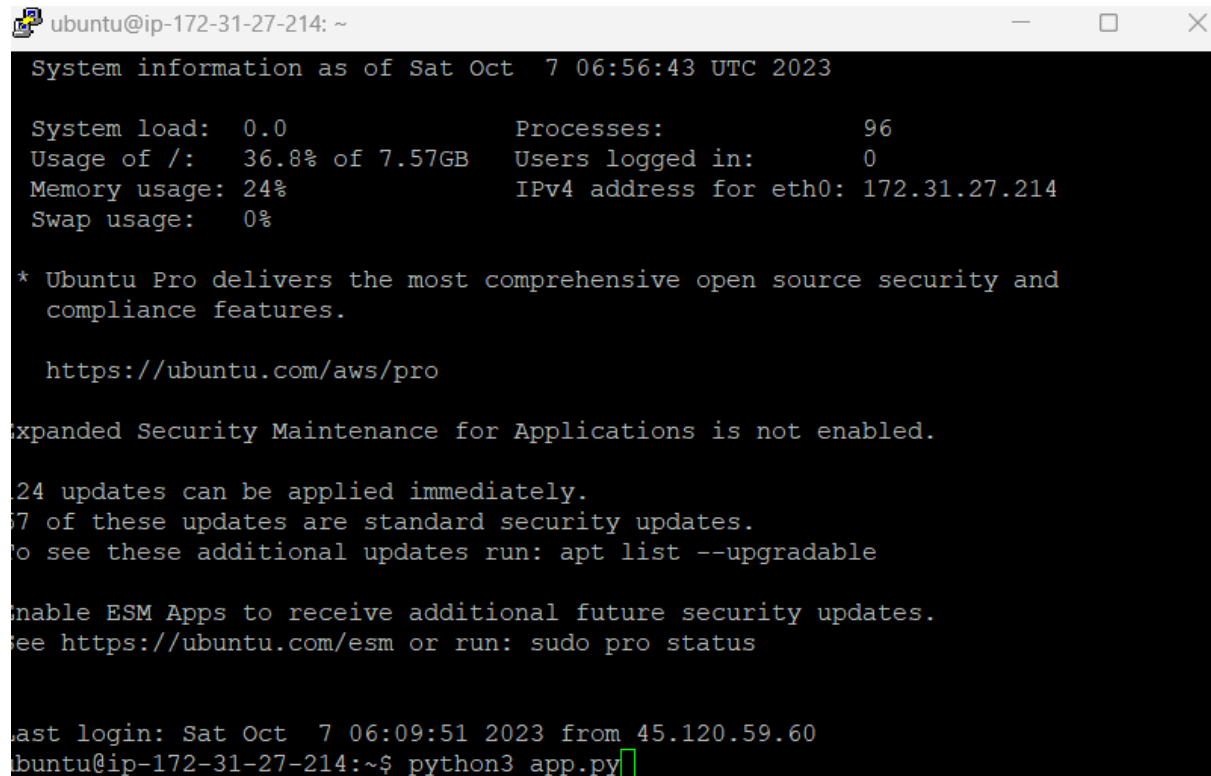
2. Click on SSH->Auth->Credentials and click on Browse and select the Key and click “Open”



3. A new window will pop up give “ubuntu”



4. Once you are logged in to run the application give the command “`python3 app.py`” and click enter

A terminal window with a title bar showing 'ubuntu@ip-172-31-27-214: ~'. The terminal output displays system information as of Saturday, October 7, 2023, at 06:56:43 UTC. It lists system load (0.0), processes (96), disk usage (36.8% of 7.57GB), memory usage (24%), swap usage (0%), and users logged in (0). It also shows the IPv4 address for eth0 as 172.31.27.214. A message from Ubuntu Pro states that comprehensive open source security and compliance features are available, with a link to https://ubuntu.com/aws/pro. It notes that Expanded Security Maintenance for Applications is not enabled and that 24 updates can be applied immediately, 17 of which are standard security updates. It suggests running 'apt list --upgradable' to see these updates and mentions that enabling ESM Apps would allow for additional future security updates, with a link to https://ubuntu.com/esm and the command 'sudo pro status'. The last login is recorded as Saturday, October 7, 2023, at 06:09:51 from IP 45.120.59.60. The prompt shows the user has entered 'python3 app.py' and the cursor is at the end of the line.

```
ubuntu@ip-172-31-27-214: ~
System information as of Sat Oct  7 06:56:43 UTC 2023

System load:  0.0                Processes:           96
Usage of /:   36.8% of 7.57GB    Users logged in:    0
Memory usage: 24%               IPv4 address for eth0: 172.31.27.214
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.

24 updates can be applied immediately.
17 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

Last login: Sat Oct  7 06:09:51 2023 from 45.120.59.60
ubuntu@ip-172-31-27-214:~$ python3 app.py
```

5. Go to your web browser and give the public DNS:8080

PublicDNS: `ec2-54-153-97-222.us-west-1.compute.amazonaws.com`

Link : `ec2-54-153-97-222.us-west-1.compute.amazonaws.com:8080`

Home Page

6. First thing anyone will see is a pop-up window on Homepage which will ask for User Inputs

Income Prediction

Age:	<input type="text" value="Age"/>
Work Class:	<input type="text" value="Work_Class"/>
fnlwgt:	<input type="text" value="fnlwgt"/>
Education:	<input type="text" value="Education"/>
Education Number:	<input type="text" value="Education Number"/>
Marital Status:	<input type="text" value="Marital Status"/>
Occupation:	<input type="text" value="Occupation"/>
Relationship:	<input type="text" value="Relationship"/>
Race:	<input type="text" value="Race"/>
Sex:	<input type="text" value="Sex"/>
Capital Gain:	<input type="text" value="Capital Gain"/>
Capital Loss:	<input type="text" value="Capital Loss"/>
Hours per Week:	<input type="text" value="Hours per Week"/>
Native Country:	<input type="text" value="Native Country"/>
<input type="button" value="Predict"/>	

7. Once you fill in all the details click on the predict button.

8. Output will be displayed.