Songxi Chen   Assignment 6

1. Screenshot of SSH inside EC2 Instance

```
[mwc-066143:Downloads charleschen$ chmod 400 122222.pem                            ]
[mwc-066143:Downloads charleschen$ ssh -i "122222.pem" ec2-user@ec2-18-217-143-22]
1.us-east-2.compute.amazonaws.com
Last login: Tue Feb 25 20:35:54 2020 from 128.206.251.9

       __|  __|_  )
       _|  (     /    Amazon Linux 2 AMI
      ___|\___|___|

https://aws.amazon.com/amazon-linux-2/
No packages needed for security; 24 packages available
Run "sudo yum update" to apply all updates.
-bash: warning: setlocale: LC_CTYPE: cannot change locale (UTF-8): No such file
or directory
manpath: can't set the locale; make sure $LC_* and $LANG are correct
```

2. Screenshot inside virtualenv

```
[ec2-user@ip-172-31-34-61 ~]$ cd github                                          ]
[ec2-user@ip-172-31-34-61 github]$ virtualenv --python=python3 virtualenvs/myenv
created virtual environment CPython3.7.4.final.0-64 in 418ms
  creator CPython3Posix(dest=/home/ec2-user/github/virtualenvs/myenv, clear=Fals
e, global=False)
  seeder FromAppData(download=False, pip=latest, setuptools=latest, wheel=latest
, via=copy, app_data_dir=/home/ec2-user/.local/share/virtualenv/seed-v1)
  activators BashActivator,CShellActivator,FishActivator,PowerShellActivator,Pyt
honActivator,XonshActivator
[ec2-user@ip-172-31-34-61 github]$ source virtualenvs/myenv/bin/activate        ]
(myenv) [ec2-user@ip-172-31-34-61 github]$ cd augur                             ]
(myenv) [ec2-user@ip-172-31-34-61 augur]$ █
```

3. Screenshot of python and node version

```
[(myenv) [ec2-user@ip-172-31-34-61 augur]$ python                                ]
Python 3.7.4 (default, Dec 13 2019, 01:02:18)
[GCC 7.3.1 20180712 (Red Hat 7.3.1-6)] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> █
```

4. Screenshot after:

sudo service postgresql start

sudo su - postgres

psql

```
[[ec2-user@ip-172-31-34-61 augur]$ sudo postgresql-setup initdb          ]
 Data directory is not empty!

[[ec2-user@ip-172-31-34-61 augur]$ sudo vim /var/lib/pgsql/data/pg_hba.conf     ]
[[ec2-user@ip-172-31-34-61 augur]$ sudo vim /var/lib/pgsql/data/postgresql.conf  ]
[[ec2-user@ip-172-31-34-61 augur]$ sudo vim /var/lib/pgsql/data/postgresql.conf  ]
[[ec2-user@ip-172-31-34-61 augur]$ sudo service postgresql start          ]
 Redirecting to /bin/systemctl start postgresql.service
[[ec2-user@ip-172-31-34-61 augur]$ sudo su - postgres                ]
 Last login: Tue Feb 25 20:50:39 UTC 2020 on pts/0
[-bash-4.2$ psql                                  ]
 psql (9.2.24)
 Type "help" for help.

 postgres=# █
```

5. Navigate to augur folder. Screenshot after `cat augur.err` (Only the top)

```
[[ec2-user@ip-172-31-34-61 augur]$ cat augur.err              ]
 nohup: ignoring input
 2020-02-25 21:30:08 ip-172-31-34-61.us-east-2.compute.internal augur[6373] INFO
 Booting broker and its manager...
 2020-02-25 21:30:08 ip-172-31-34-61.us-east-2.compute.internal augur[6373] INFO
 Booting housekeeper...
 Traceback (most recent call last):
   File "/home/ec2-user/github/virtualenvs/myenv/lib/python3.7/site-packages/sqla
 lchemy/engine/base.py", line 2275, in _wrap_pool_connect
     return fn()
   File "/home/ec2-user/github/virtualenvs/myenv/lib/python3.7/site-packages/sqla
```