Server Access and File transfer

In the current hackathon on Voice based Food ordering system, we will deploy the code on the server by placing the trained model from **Google's Colab**. The user id and password for the server login will be provided for each team by the mentors in the lab. Please find the steps below to connect to the server. Once you have connected to the server, you will find the files related to the hackathon. If you want to make any changes to the existing files or to add new data you need to use filezilla and upload them in the corresponding folders.

Caution:

- You are allowed only to operate on the folder **"Hackathon-setup".** It is neither recommended nor needed to make multiple copies of any of the files or folders.
- Training should only happen in google's colab, Server is strictly meant only for application deployment and team's data collection

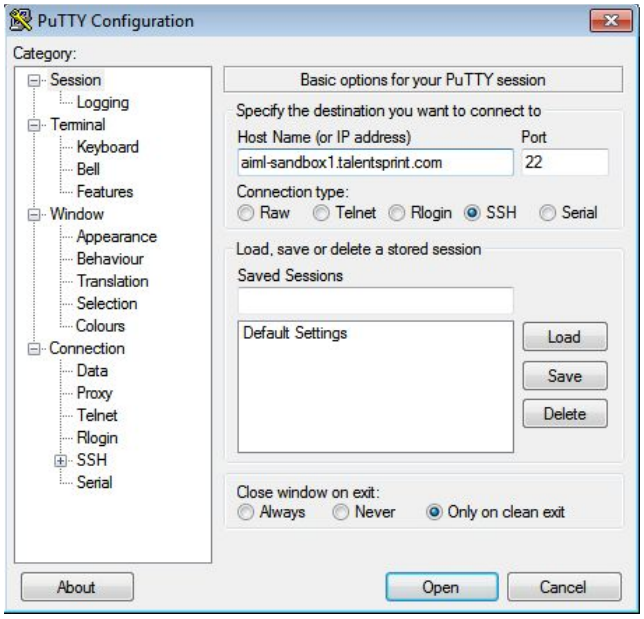
Everytime you connect to the server, activate the virtual environment with the following command: **source venv/bin/activate** and continue working on it.

Steps to Connect to the Server

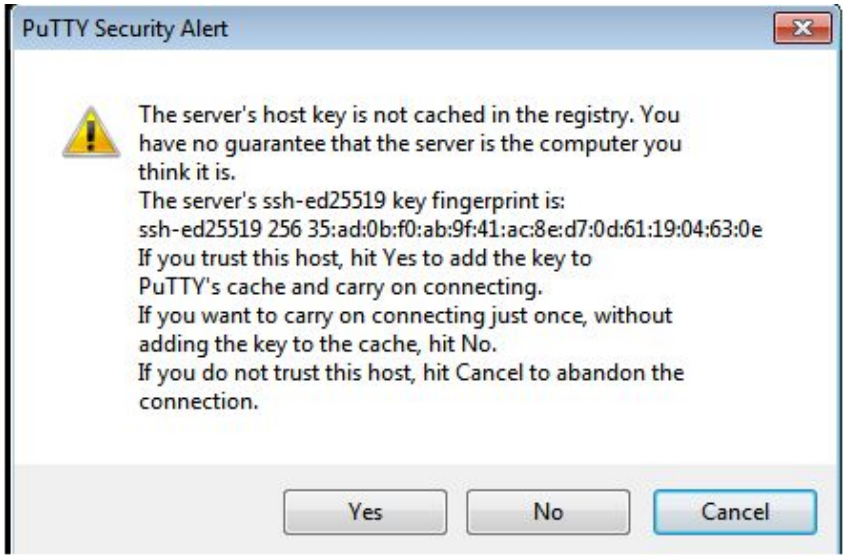
For Windows:

- Download PuTTY from http://www.chiark.greenend.org.uk/~sgtatham/putty/
- Open the downloaded folder and double click on **putty.exe** program to run the application.
- Enter server connection settings.

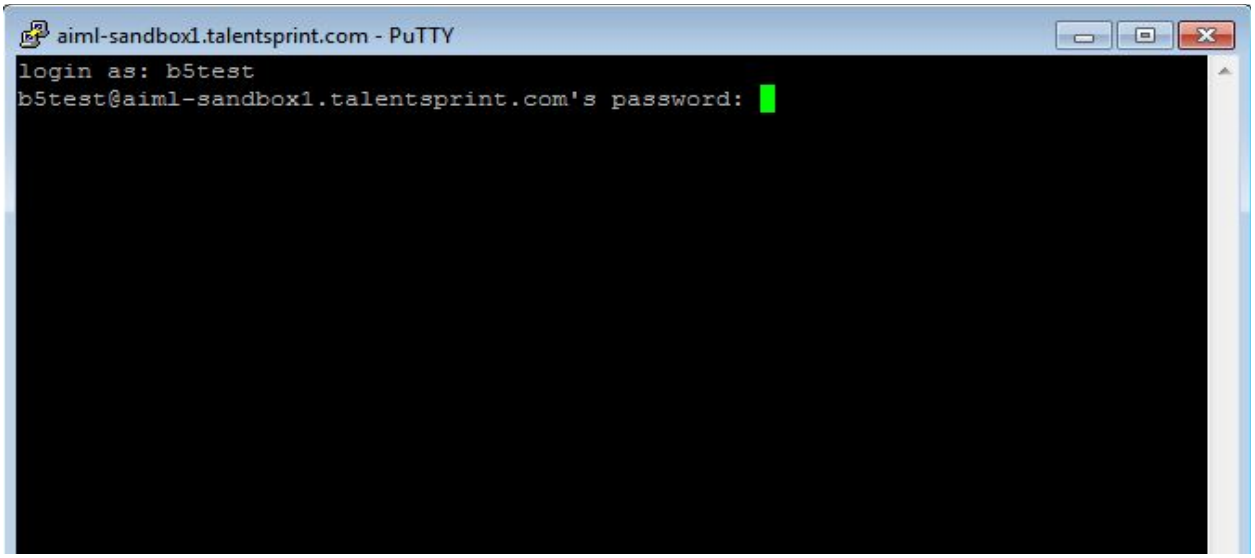
  Hostname: aiml-sandbox1.talentsprint.com
  Port: 22
  Connection type: SSH



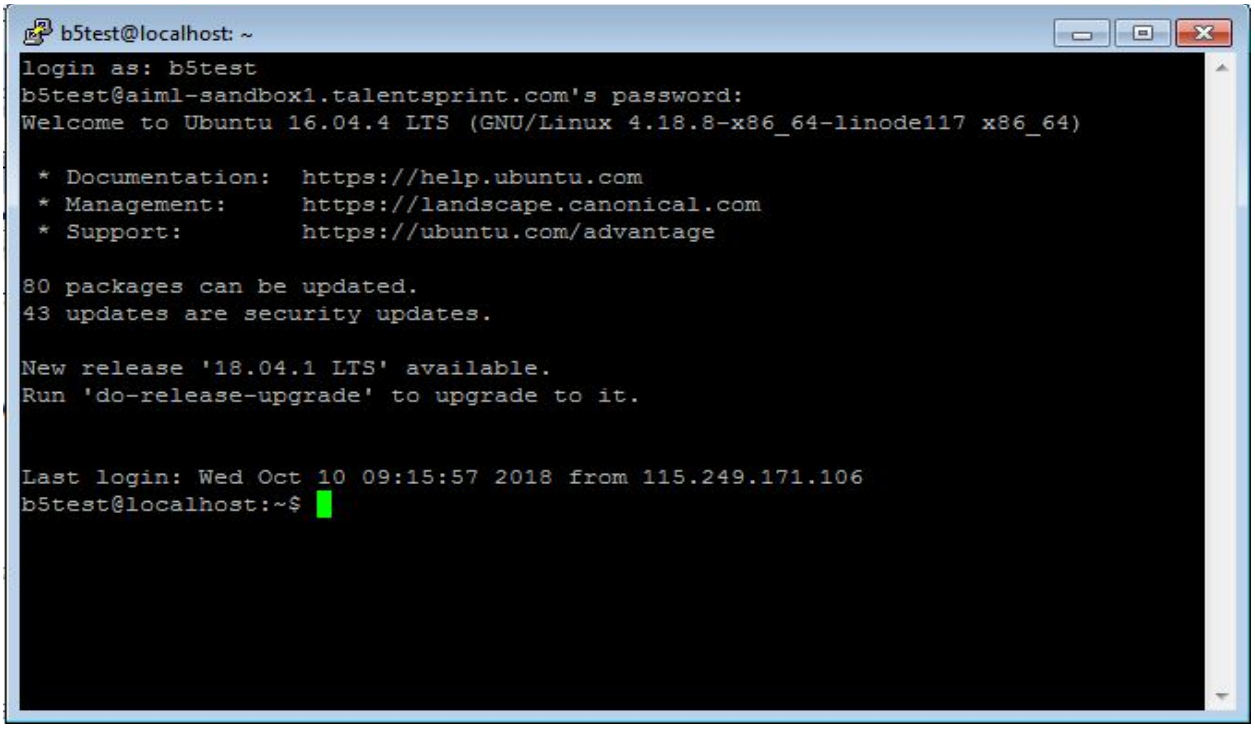
4. If this is your first time connecting to the server from your computer, you will see the following output. Accept the connection by clicking on “Yes”.



5. Once the SSH Connection is open, you should see a terminal prompt **asking for your username and password**. Please note that you will not see your cursor moving while typing your password.



6. You should see output like below if you are successfully logged in.



7. After logging in to SSH please activate your virtual environment using the command below: **source venv/bin/activate**

8. Change directory:

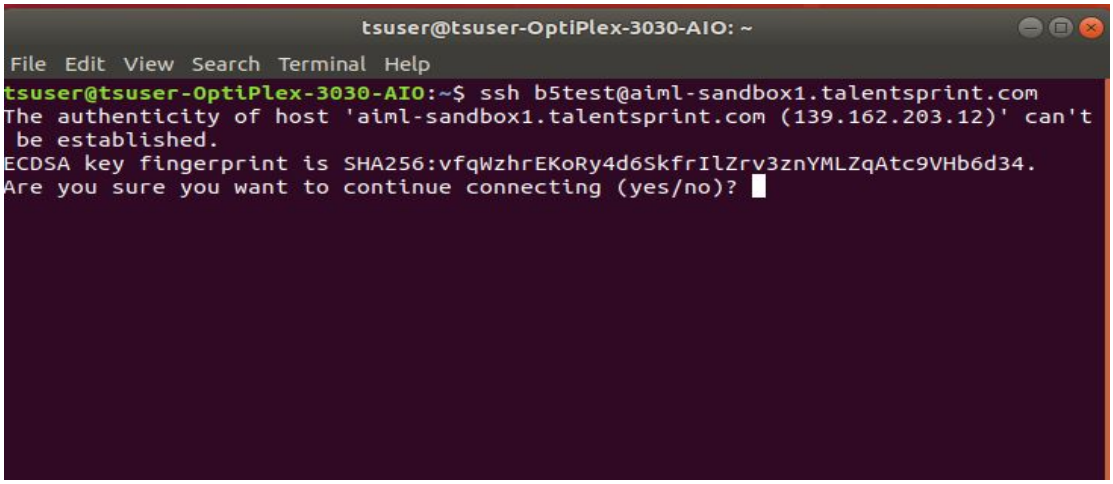
cd Hackathon-setup/

<u>For Linux/Mac:</u>

1. Open the Terminal
2. Login to server **aiml-sandbox1.talentsprint.com** using your username as below.

   Eg: ssh <username>@aiml-sandbox1.talentsprint.com

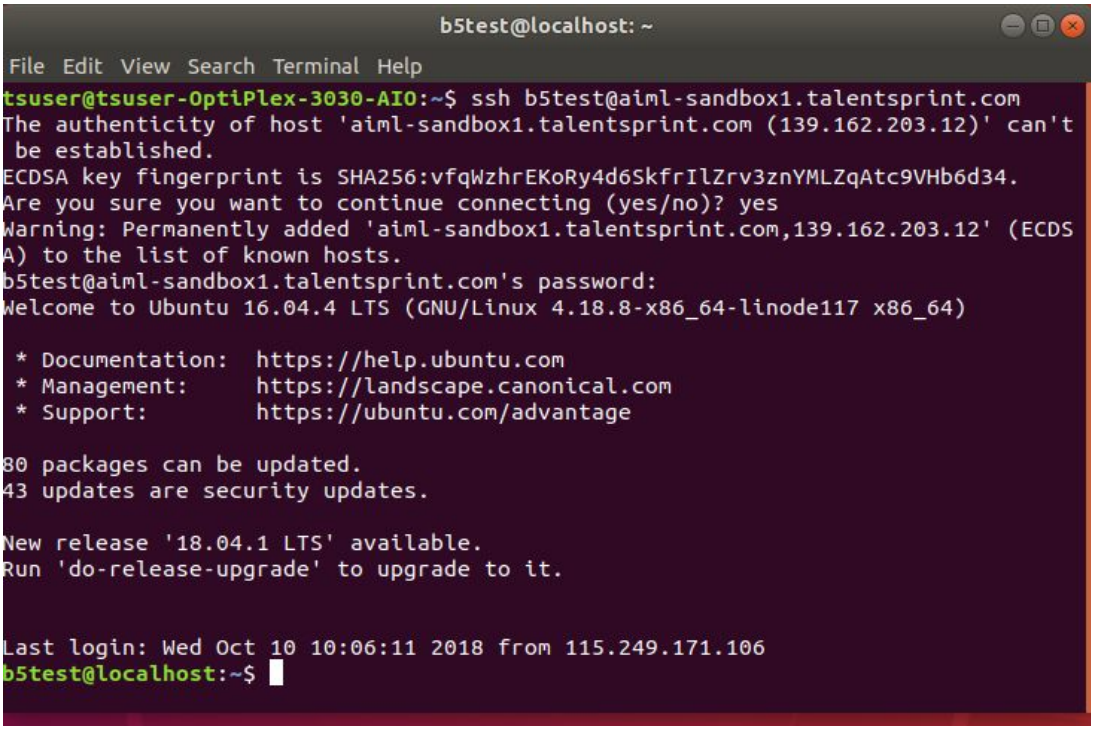
   If it is your first time connecting to the server from this computer, accept the connection by typing "yes".



3. You will now be prompted to enter your password.

   Please note that you will not see your cursor moving while typing your password.

   You should see the below output if you have successfully logged in.



4. After logging in to SSH, please activate your virtual environment using the command below **(Mandatory)**:

source venv/bin/activate

5. Change directory:

cd Hackathon-setup/

File copy via Filezilla Configuration

Once you're connected to the server, if you would like to make any changes, then please use the following setup:

Installation Steps:

Install Filezilla in Linux OS:

- Run the following command in your terminal to install Filezilla
    - sudo apt-get install filezilla

Install Filezilla in Windows OS:

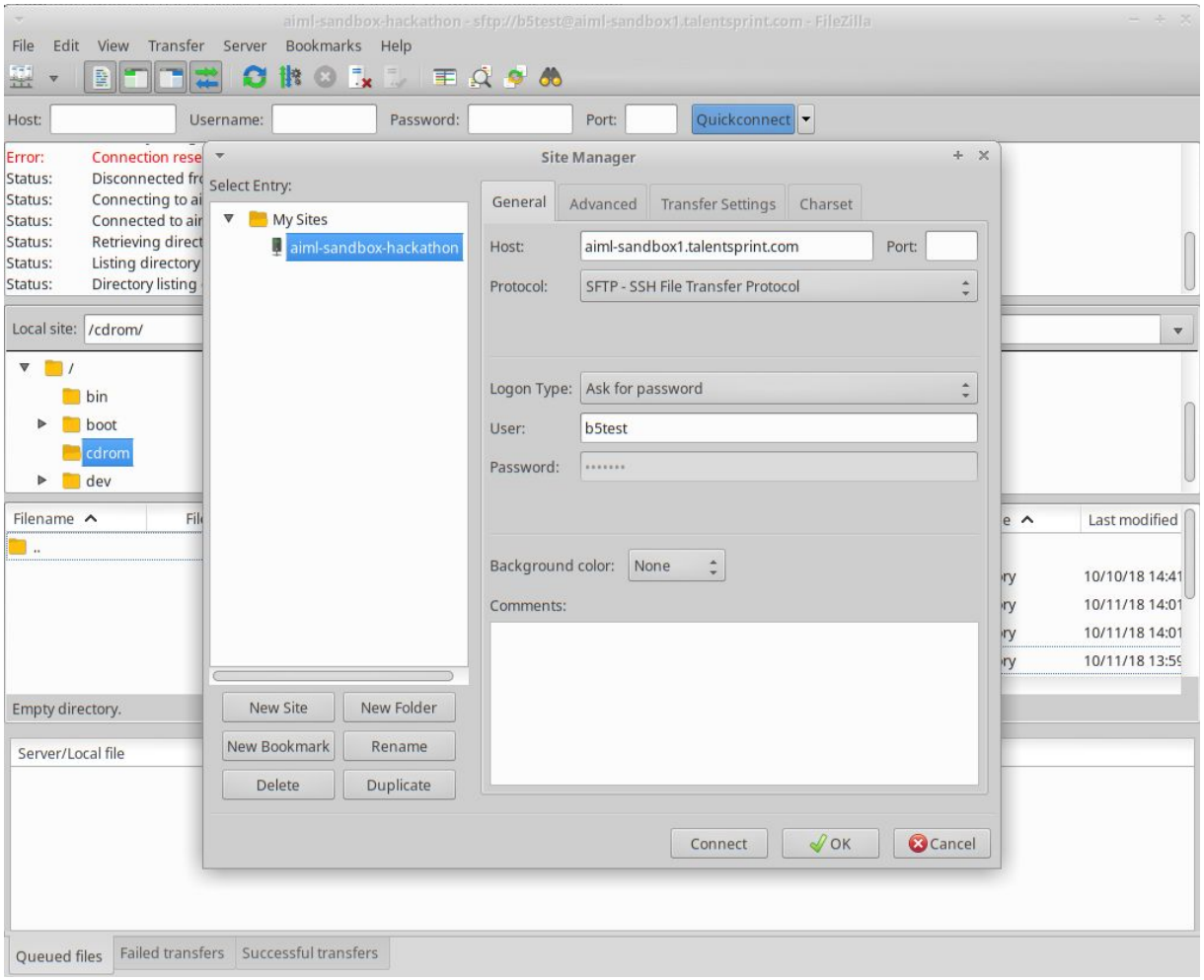
- Download Filezilla using below link:
    - https://filezilla-project.org/download.php?type=client

Install Filezilla in Mac:

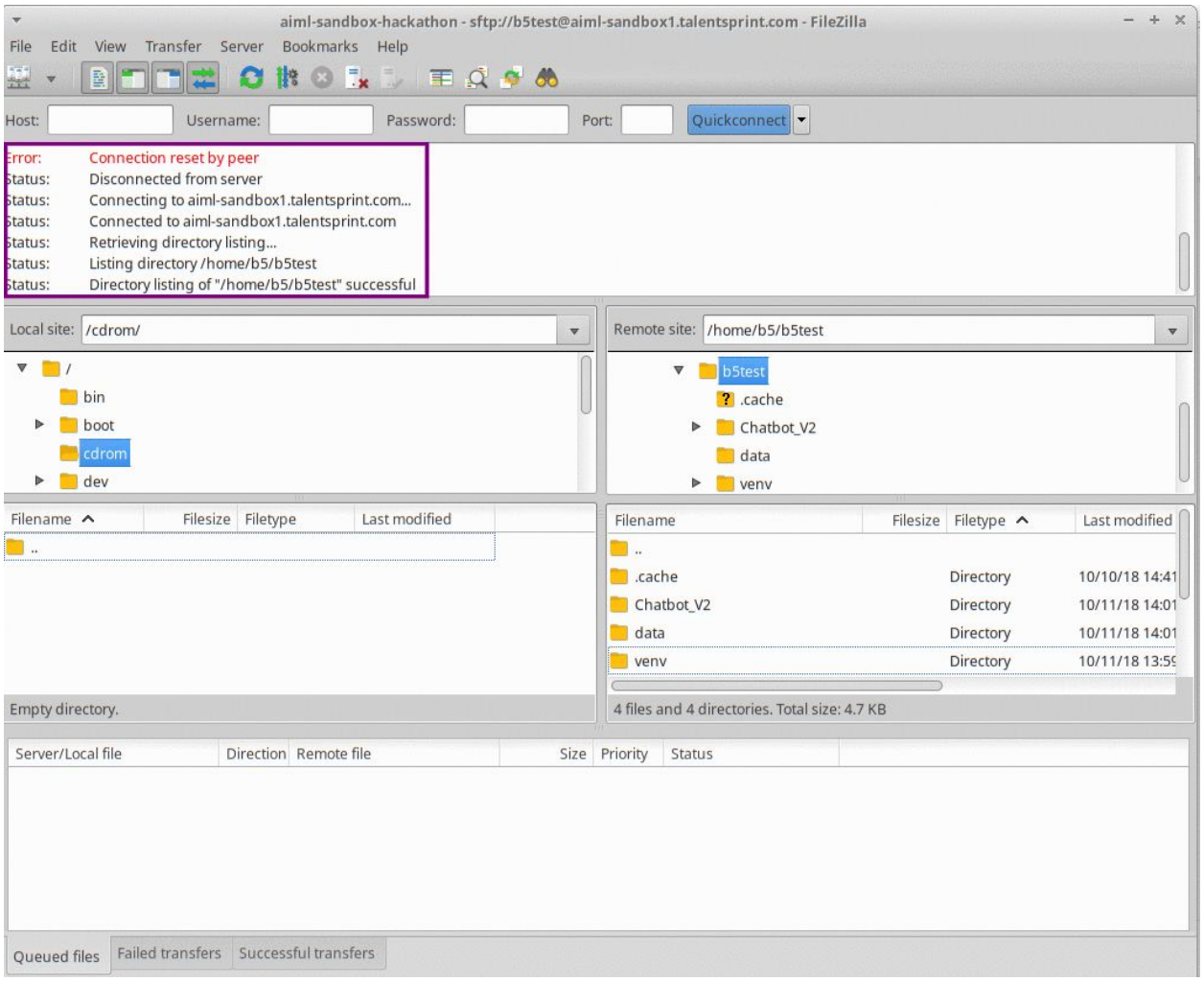
- Download Filezilla using below link:
    - https://filezilla-project.org/download.php?platform=osx

Server configuration in filezilla:

- Open filezilla after successful installation.
- Import the shared aiml-sandbox-hackathon.xml file into filezilla.
    - File -> Import
- After importing the aiml-sandbox-hackathon.xml file, open Site Manager and select aiml-sandbox under My Sites in the left panel
    - File -> Site Manager
- Change Logon Type to Normal and enter your username and password and click on connect.

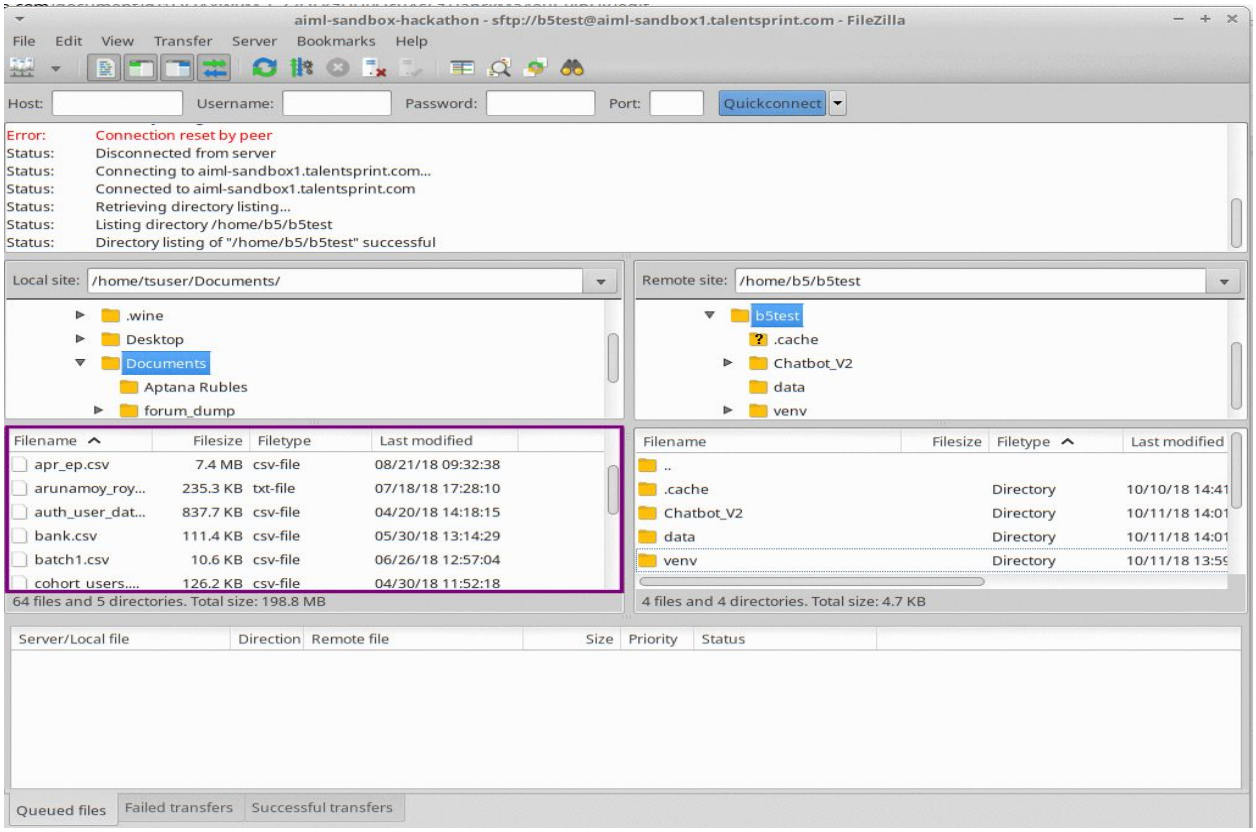

aiml-sandbox-hackathon - sftp://b5test@aiml-sandbox1.talentsprint.com - FileZilla
File Edit View Transfer Server Bookmarks Help
Host: Username: Password: Port: Quickconnect
Error: Connection rese
Status: Disconnected fr
Status: Connecting to ai
Status: Connected to air
Status: Retrieving direct
Status: Listing directory
Status: Directory listing
Local site: /cdrom/
/
bin
boot
cdrom
dev
Filename
..
Last modified
10/10/18 14:41
10/11/18 14:01
10/11/18 14:01
10/11/18 13:59
Empty directory.
Server/Local file
Queued files
Failed transfers
Successful transfers
Site Manager
Select Entry:
My Sites
aiml-sandbox-hackathon
New Site
New Folder
New Bookmark
Rename
Delete
Duplicate
General
Advanced
Transfer Settings
Charset
Host: aiml-sandbox1.talentsprint.com
Port:
Protocol: SFTP - SSH File Transfer Protocol
Logon Type: Ask for password
User: b5test
Password: •••••••
Background color: None
Comments:
Connect
OK
Cancel

You will find that login is successful in the highlighted area below:

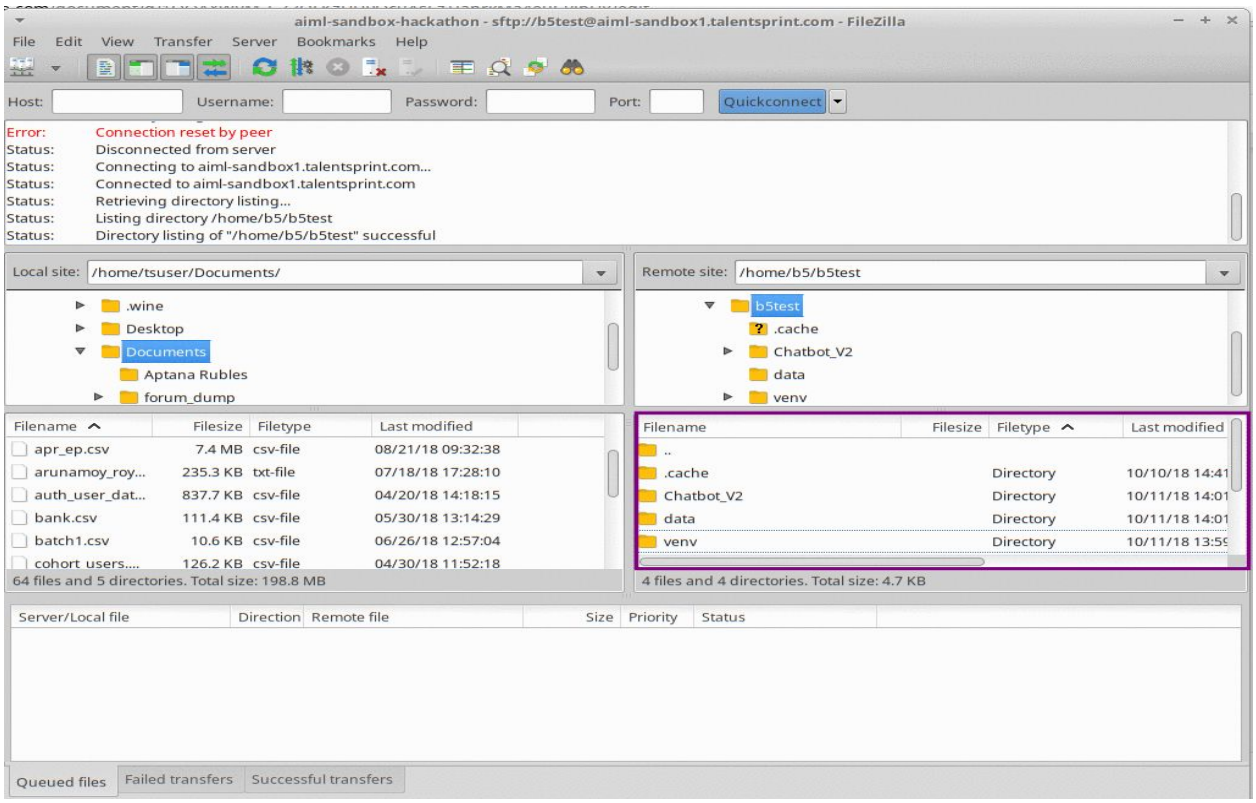


Uploading files into your folder:

Select the file to be uploaded, right click on that file and select the upload option only to Hackathon-setup folder.



Uploaded files will be in the highlighted area (generally right side) below:



Once you're done with the setup, to access the required folders follow the steps given below:

1. Go to terminal or putty
2. Login with the SSH
3. Activate virtual environment
4. Go to the Hackathon setup directory by running the following command:

   cd Hackathon-setup