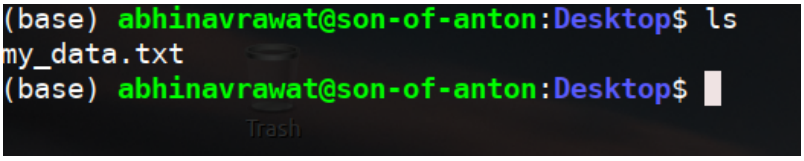
Upload data file from local machine to EC2 instance

1. Open terminal on your machine.
2. Login to your EC2 instance using SSH command.
3. Open another terminal tab and browse to the directory where the data file is present.



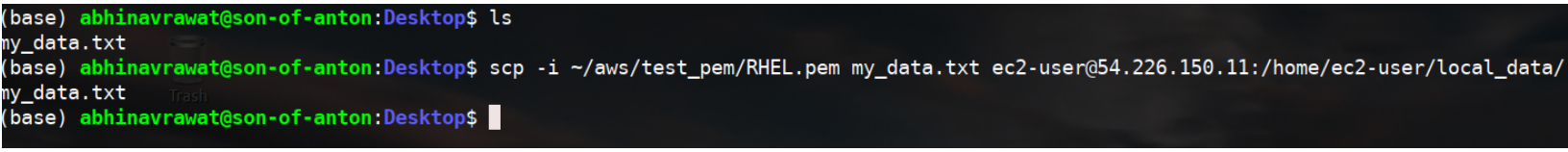
In our case, we want to upload this **my_data.txt** file to the EC2 instance.

4. Use the following command to upload data into your EC2 instance

```
scp -i <path to pem file> <path to the data file> ec2-user@<public
IP>:<destination path in the EC2 instance>
```

We have used the following command to upload my_data.txt file.

```
scp -i ~/aws/test_pem/RHEL.pem my_data.txt ec2-user@54.226.150.11:/home/ec2-user/local_data/
```



Note: We are running this command from the directory where the data file is present.

5. Verify the data file in the EC2 instance.
   Go to the directory where the file was uploaded. (**/home/ec2-user/local_data** in our case)
   Run `ls` command to verify that the file is present.

```
[ec2-user@ip-10-0-0-32 local_data]$ pwd
/home/ec2-user/local_data
[ec2-user@ip-10-0-0-32 local_data]$ ls
my_data.txt
[ec2-user@ip-10-0-0-32 local_data]$
```

Download data file from EC2 to the local machine

1. Open terminal on your machine.
2. Login to your EC2 instance using SSH command and browse to the directory where the data file is present.
   In our case, the data is named my_data.txt and it is present in the '**/home/ec2-user/local_data directory**'.

```
[ec2-user@ip-10-0-0-32 local_data]$ pwd
/home/ec2-user/local_data
[ec2-user@ip-10-0-0-32 local_data]$ ls
my_data.txt
[ec2-user@ip-10-0-0-32 local_data]$
```

3. Open another terminal tab on your computer. We use the following command to download data from EC2 instance to our local machine.

```
scp -i <path to the pem file> ec2-user@<public IP>:<path of the file to be downloaded> <destincation path in the local machine>
```

We have used is the following command.

```
scp -i ~/aws/test_pem/RHEL.pem  ec2-user@54.226.150.11:/home/ec2-user/local_data/my_data.txt ~/Desktop
```

In our case we have downloaded a file named "**my_data.txt**" from "**/home/ec2-user/local_data**" in EC2 instance to **~/Desktop**.

```
(base) abhinavrawat@son-of-anton:Desktop$ scp -i ~/aws/test_pem/RHEL.pem  ec2-user@54.226.150.11:/home/ec2-user/local_data/my_data.txt ~/Desktop
my_data.txt                                                                                                    100%
(base) abhinavrawat@son-of-anton:Desktop$ ls
my_data.txt
```

4. You can verify the downloaded file in our system once the transfer is complete.