Transfer Data from EC2 to S3 in AWS

1. Create a new Ubuntu EC2 instance.
   a. Make sure enough memory is allocated to the system. (I.e. Amount your data will need + 5 GB)
   b. Make sure you are using SSD while allocating the memory.
   c. Make sure to select the right key-value pair as the security key.
2. Log into the newly created EC2 instance.
   a. Use "ssh -i securitykey ubuntu@ip_of_instace"
3. Download the required file using EC2
   a. Use "wget link" command to download.
4. Once the download has completed unzip the file in EC2.
5. Install PIP in the newly created instance.
   a. Use "sudo apt-get install python-pip"
6. Install AWS command line interface.
   a. Use "pip install awscli"
7. Go to AWS console.
   a. Click on the username and drop down will pop u.
   b. Select "Security Credentials" from the drop-down.
   c. In the new popped up select "Continue to Security Credentials"
   d. From right hand side menu select on use.
   e. Click on "Create new user button"
   f. Fill in the required detail.
   g. Copy the access id and secret key from the newly created user.
   h. Select the newly created user
   i. Click on permission tab.
   j. Click on attach policy button.
   k. Attach S3-FullAccess policy from the policy.
8. Configure AWS.
   a. Use "aws configure"
   b. Put access id
   c. Put secret key
   d. Put default region.
   e. Press enter. (No need to put anything)
9. Now that your AWS confgired, you are ready to move your data into the S3.
   a. Use "aws s3 cp myfolder s3://mybucket/myfolder –recursive" to move the data.
10. Wait for the data transfer to finish.