1. Login into carbonate using IU credentials(with ssh)
2. Create virtual environment

virtualenv genomicsPython

1. Switch to virtual env

source genomicsPython/bin/activate

1. Create a new dir

Mkdir dirname

1. Switch to new dir
2. Check python module version. If incorrect, load the correct one.

module unload python

module load python/3.6.8

<https://kb.iu.edu/d/bcwy>

1. Create the script file.Put python [filepath] in Job commands

<https://hpceverywhere.iu.edu/jobscript>

1. Use sftp to upload all files to remote loc. [Either cmd or WinSCP]
2. Run the job script

Qsub [jobscriptfilename.script]

<https://kb.iu.edu/d/avmy#sub>

Tip: My remote location path was - “geode2/home/u010/bagrawal/Carbonate/SearchFinalProject/DataProcessingv1.1.py”

Yours might be similar.