Liam Kirkpatrick
ESS 469 – HW1

My github repository can be accessed at:

https://github.com/UW-MLGEO/MLGEO2024_liamkp

Screenshots of my cloned repository and added Jupyter Notebook:

Clone:

```
(base) Liams-MacBook-Pro-5:ESS469 Liam$ git clone git@github.com:UW-MLGEO/MLGEO2024_liamkp.git
Cloning into 'MLGEO2024_liamkp'...
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (6/6), done.
Receiving objects: 100% (7/7), done.
remote: Total 7 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
```

Add/Commit:

```
(mlgeo_dataset) Liams-MacBook-Pro-5:MLGEO2024_liamkp Liam$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .ipynb_checkpoints/
        Untitled.ipynb
        demofig.png
        hw1_pythondemo.ipynb

nothing added to commit but untracked files present (use "git add" to track)
(mlgeo_dataset) Liams-MacBook-Pro-5:MLGEO2024_liamkp Liam$ git add hw1_pythondemo.ipynb
(mlgeo_dataset) Liams-MacBook-Pro-5:MLGEO2024_liamkp Liam$ git commit -m 'Notebook for HW1, includes basic plotting, function, etc'
[main ac207d1] Notebook for HW1, includes basic plotting, function, etc
 1 file changed, 120 insertions(+)
 create mode 100644 hw1_pythondemo.ipynb
```

Push:

```
(mlgeo_dataset) Liams-MacBook-Pro-5:MLGEO2024_liamkp Liam$ git push
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 10 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 24.34 KiB | 12.17 MiB/s, done.
Total 5 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
To github.com:UW-MLGEO/MLGEO2024_liamkp.git
   1b3688a..34f0cb1  main -> main
```

Open Source Contribution Skills (also pushed on github):

Supervised Learning: Apply already classified/labeled data to predict a relationship or pattern - this implies that you already have (or can produce) a set of 'training' data for which you already know your desired output.