Cloning The Repository

```
(base) Altons-MacBook-Pro:ESS569 altondaley$ git clone https://github.com/UW-MLGEO/MLGEO2024_adaley.git
Cloning into 'MLGEO2024_adaley'...
remote: Enumerating objects: 24, done.
remote: Counting objects: 100% (24/24), done.
remote: Compressing objects: 100% (23/23), done.
remote: Total 24 (delta 4), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (24/24), 8.36 KiB | 4.18 MiB/s, done.
Resolving deltas: 100% (4/4), done.
```

Adding To the Repository

- **Data is not being tracked**

```
(base) Altons-MacBook-Pro:MLGEO2024_adaley altondaley$ 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)
        Figures/
        Notebooks/

nothing added to commit but untracked files present (use "git add" to track)
```

- **Data is moved to the Staging Area**

```
(base) Altons-MacBook-Pro:MLGEO2024_adaley altondaley$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   Figures/bar_and_scatter_plot.png
        new file:   Notebooks/manipulation.ipynb
```

Committing To the Repository

```
(base) Altons-MacBook-Pro:MLGEO2024_adaley altondaley$ git commit -m "Added python notebook that imports modules, declare lists and numpy arrays, declare funct
ions and generate bar and scatter plot"
[main 6331029] Added python notebook that imports modules, declare lists and numpy arrays, declare functions and generate bar and scatter plot
 2 files changed, 188 insertions(+)
 create mode 100644 Figures/bar_and_scatter_plot.png
 create mode 100644 Notebooks/manipulation.ipynb
```

Pushing To the Repository

```
(base) Altons-MacBook-Pro:Env_File altondaley$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 464 bytes | 464.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/UW-MLGEO/MLGEO2024_adaley.git
   6331029..9b03e1e  main -> main
```