

Github repository link:

https://github.com/Cantemirus/Programming_for_Data_Science_with_Python_Udacity_Nanodegree

1. Setup repository:

- a. Navigate to project directory on personal machine

```
cd /path/to/your/project
```

- b. Initialize a new Git repository

```
$ git init
```

- c. Make folders for each project

```
$ mkdir foldername
```

- d. Add files

```
$ git add filename.txt
```

- e. Initial commit

```
$ git commit -m "Initial commit"
```

- f. Link local repository to Github

```
$ git remote add origin link_to_repository
```

- g. Push changes to Github

```
$ git push -u origin master
```

Other commands used:

```
$ git push – to push changes to Github
```

```
$ git pull origin main – in case failed to push some refs error occurs
```

2. Improve documentation

- a. Create branch named *documentation* on local repository

```
$ git branch documentation
```

- b. Switch to the documentation branch

\$ git checkout documentation

3. Update README.md file (can be done manually)
4. Stage changes

\$ git add README.md

5. Commit work with a description

\$ git commit -m "description"

6. Push commit to remote repository

\$ git push origin documentation

7. Switch back to master branch

\$ git checkout master