

Set Up Your Repository

The following are the steps you will take to create your git repository, add your python code, and post your files on GitHub.

Step 1. Create a GitHub profile

Step 2. Fork a repository from Udacity's GitHub Project repository and provide a link to your forked GitHub repository here:

GitHub Repository Link

https://github.com/FarahAbdo/pdsnd_github/tree/master

Step 3. Complete the tasks outlined in the table below and copy and paste your git commands into the "Git Commands" column. The first git command is partially filled out for you.

A. Clone the GitHub repository to your local repository.

\$ git clone

https://github.com/FarahAbdo/pdsnd_github/tree/master

B. Move your bikeshare.py and data files into your local repository.

We use cp or a GUI

C. Create a .gitignore file containing the name of your data file.

We use touch or a GUI

D. List the file names associated with the data files you added to your .gitignore

Add the file names into your .gitignore file

E. Check the status of your files to make sure your files are not being tracked

\$ git status

F. Stage your changes.

\$ git add .

G. Commit your changes with a descriptive message.

\$ git commit -m "feat: Adding my project file bikeshare.py"

H. Push your commit to your remote repository.

\$ git push origin master

Improve Documentation

Now you will be working in your local repository, on the BikeShare python file and the README.md file. You should repeat steps C through E three times to make at least three commits as you work on your documentation improvements.

A. Create a branch named documentation on your local repository.

```
$ git branch documentation
```

B. Switch to the documentation branch.

```
$ git checkout documentation
```

C. Update your README.md file.

edit the text in your README.md file

D. Stage your changes.

```
$ git add README.md
```

E. Commit your work with a descriptive message.

```
$ git commit -m "docs: Updated README.md documentation"
```

F. Push your commit to your remote repository branch.

```
$ git push origin documentation
```

G. Switch back to the master branch.

```
$ git checkout master
```

Additional Changes to Documentation

A. Switch to the documentation branch.

```
$ git checkout documentation
```

B. Make at least 2 additional changes to the documentation - this might be additional changes to the README or changes to the document strings and line comments of the bikeshare file.

```
$ git diff
diff --git a/README.md
b/README.md
index 972860d..0257616 100644
--- a/README.md
+++ b/README.md
```

C. After each change, stage and commit your changes. When you commit your work, you should use a descriptive message of the changes made. Your changes should be small and aligned with your commit message.

```
$ git add README.md
$ git commit -m "docs: Updated the Headings in README.md documentation"
$ git add README.md
$ git commit -m "docs: Added a new link in README.md documentation"
```

D. Push your changes to the remote repository branch.

```
$ git push origin documentation
```

E. Switch back to the master branch.

```
$ git checkout master
```

F. Check the local repository log to see how all the branches have changed.

```
$ git log --oneline --graph --all
```