5.1.1

Create and Clone a New GitHub Repository

It's your second week as a data analyst at PyBer, a ride-sharing app company valued at $2.3 billion. You've just been assigned your first big project: analyze all the rideshare data from January to early May of 2019 and create a compelling visualization for the CEO, V. Isualize.

Even before starting at PyBer, you'd heard stories about V. Isualize. She is a former programmer who started out at MathWorks, a co-founder of PyBer, and is known for being extremely fair yet extremely demanding. Because of her programming expertise, she's particularly insistent that the analytical work be comprehensive and correct. This assignment is both a once-in-a-lifetime challenge and a once-in-a-lifetime opportunity. If you do well, your future at the organization is secure.

Your manager, Omar, is excited for your big break and has agreed to partner with you on getting the visualizations just right. Your first step is to create a GitHub repository for the project so that he can stay in the loop as you work.

Before we get started, let's create a GitHub repository for the project.

Check out the macOS instructions below, or jump to the **Windows instructions**.

Create a GitHub Repository on macOS

> **REWIND**
>
> To create a new repository on GitHub in macOS, do the following:
>
> 1. Log in to GitHub.
>
> 2. Create a new repository.

3. Name the repository PyBer_Analysis.

4. Make the repository public.

5. Initialize the repository with a README.

6. Click "Create Repository."

7. Click the green "Clone or download" button and make sure to use HTTPS.

8. Open the command line interface (CLI).

9. Navigate into the Class folder by using the necessary commands.

10. Once you are in the Class folder, type `git clone` + space and paste the URL that you copied, as shown here:

```
<computer_name>:~ Class $ git clone
https://github.com/<your_GitHub_account>/PyBer_Analysis.git
```

11. Press Enter.

12. If prompted, enter your GitHub username and password. You'll see progress indicators in the command line as the repo is cloned.

13. Once the repository has been cloned, you should see a folder on your computer with the repository name.

Create a GitHub Repository on Windows

REWIND

To create a new repository on GitHub in Windows, do the following:

1. Log in to GitHub.

2. Create a new repository.

3. Name the repository PyBer_Analysis.

4. Make the repository public.

5. Initialize the repository with a README.

6. Click "Create Repository."

7. Click the green "Clone or download" button and make sure to use HTTPS.

8. Open Git Bash.

9. Navigate into the Class folder.

10. Once you are in the Class folder, type `git clone` + space and paste the URL that you copied, as shown here:

```
<computer_name>@<home_directory> MINGW32 ~/Class
$:~ Class <home_directory>$ git clone
https://github.com/<your_GitHub_account>/PyBer_Analysis.git
```

11. Press Enter.

12. If prompted, enter your GitHub username and password. You'll see progress indicators in the command line as the repository is cloned.

13. Once the repository has been cloned, you should see a folder on your computer with the repository name.

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