

6.1.1

Create and Clone a New GitHub Repository

Jack's email was a bit mysterious—something about a kickoff meeting for a fun new project on world weather analysis that he wanted help with. But he's always come up with complex, rewarding challenges before, so you know you want to be at that meeting. As you accept the invitation, you decide to get a bit ahead of the game and create your GitHub repository.

Before we get started, create a GitHub repository for your project and clone it onto your work computer.

1. Log in to your GitHub account.
2. Create a "New repository."
3. Name the repository for this module, "World_Weather_Analysis".
4. Make the repository public.
5. Check the box that states "Initialize the repository with a README."
6. Next, we'll add a `.gitignore` file to the repository. GitHub does not track files or files with extensions that are added to the `.gitignore` file.
7. Click "Add .gitignore" and begin typing "Python", and then select Python as the option.

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner / **Repository name *** World_Weather_Analysis ✓

Great repository names are short and memorable. Need inspiration? How about **stunning-spork?**

Description (optional)

☐ **Public**
Anyone can see this repository. You choose who can commit.

☐ **Private**
You choose who can see and commit to this repository.

Skip this step if you're importing an existing repository.

☒ **Initialize this repository with a README**
This will let you immediately clone the repository to your computer.

Add .gitignore: **None** / Add a license: **None** ⓘ

.gitignore

Py|

Python

8. Click the green "Create repository" box.

9. You should see the **.gitignore** file in the repository. Later in this module we'll edit the **.gitignore** file.

Initial commit		Latest commit 253727b now
.gitignore	Initial commit	now
README.md	Initial commit	now

10. On the repository's main page, click the green button (top right) with the text "Code."

11. Select "Clone with HTTPS" and click the clipboard icon to copy the clone URL for the repository.

12. Open the command line (macOS) or Git Bash (Windows).

13. Navigate to the directory that contains your GitHub repositories.

14. Once in the directory, type **git clone** followed by a space, and then paste the URL that you copied.

15. Press Enter.

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