Data Management for Research and Institutional Decision Making

What is GitHub?

- GitHub is **a website** where people work on projects together.
- It helps teams **store**, **track**, and **manage** their work (usually code).
- Think of it like **Dropbox or Google Drive**, but for building things like apps or websites, working on a manuscript, etc.
- You can see who made **what change**, **when**, and **why**.
- It keeps everything **organized**, **backed up**, and easy to **collaborate** on.

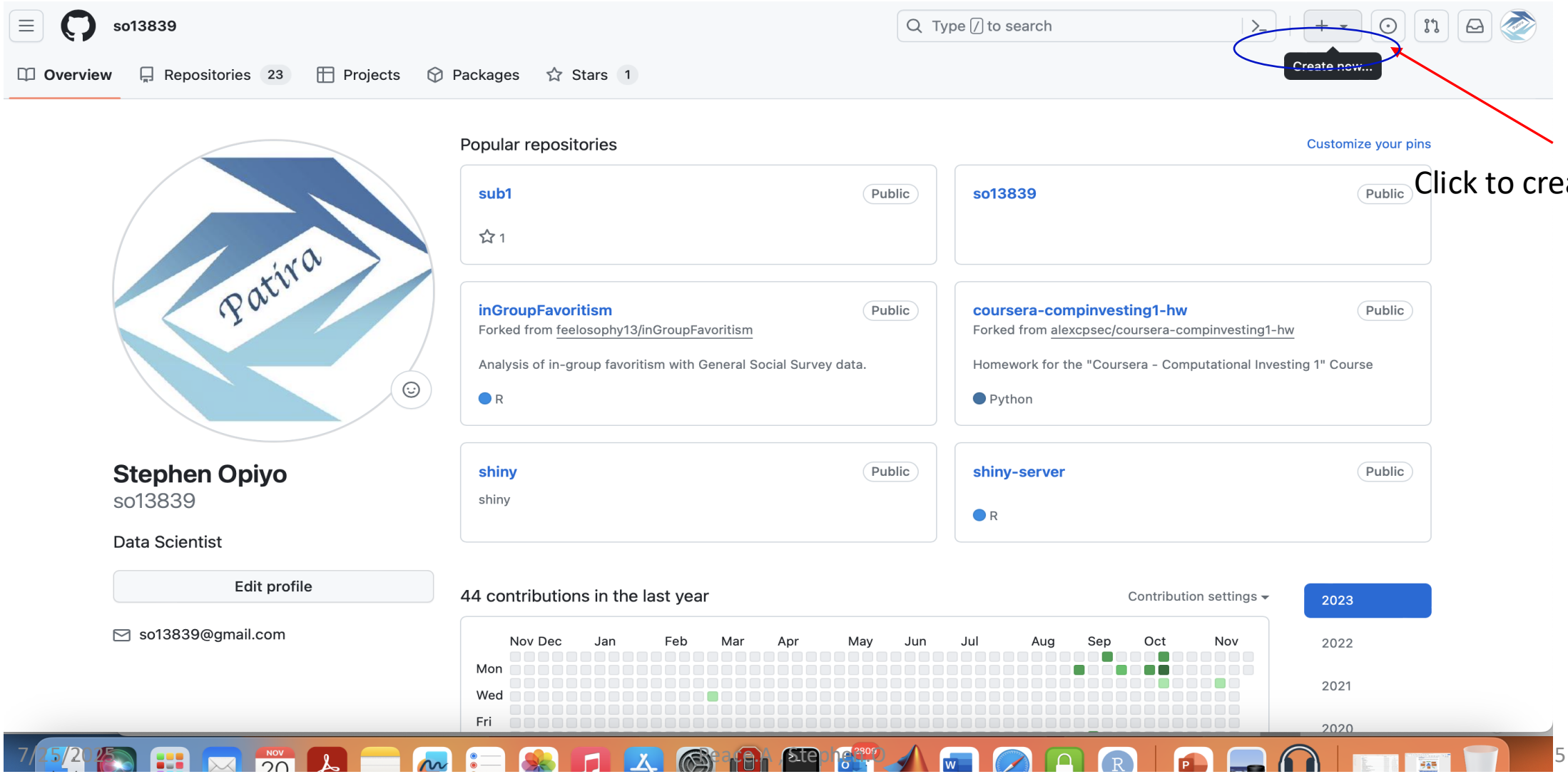
Creating a GitHub account

- Go to https://github.com
- Click “Sign Up” and follow the steps
- Choose your GitHub plan (free option is available)
- Verify your email address (check your inbox)
- Set up two-factor authentication for security
- You're ready to use GitHub!

What is a Repository?

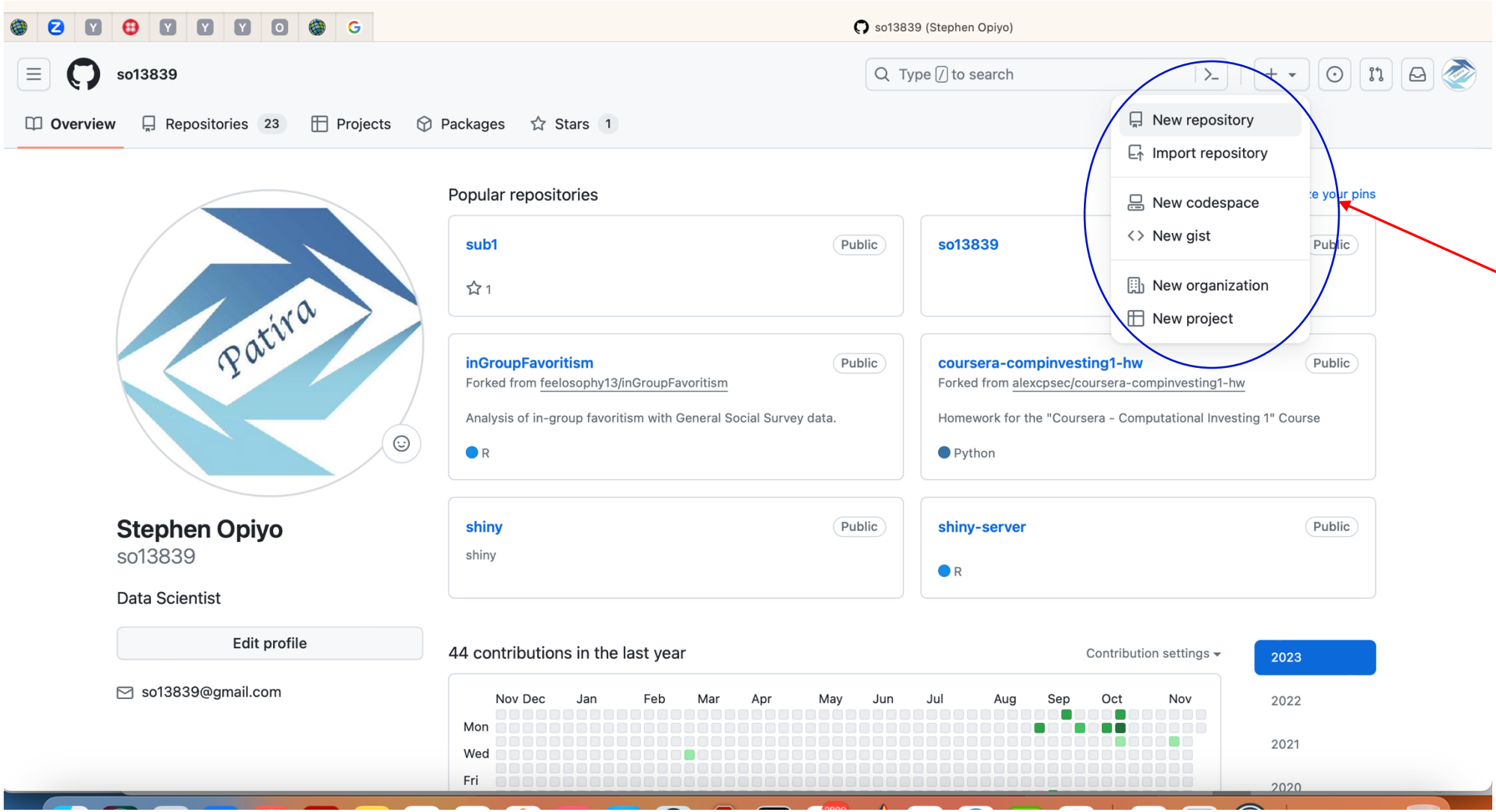
- A repository (or "**repo**") is a project **folder** on GitHub
- It holds all the **files** related to a project (documents, images, code, etc.)
- It also keeps track of changes made over time
- Think of it like a shared folder in Google Drive, but with version control
- Every update is saved, so you can go back to previous versions if needed

Making a Repository (RP)



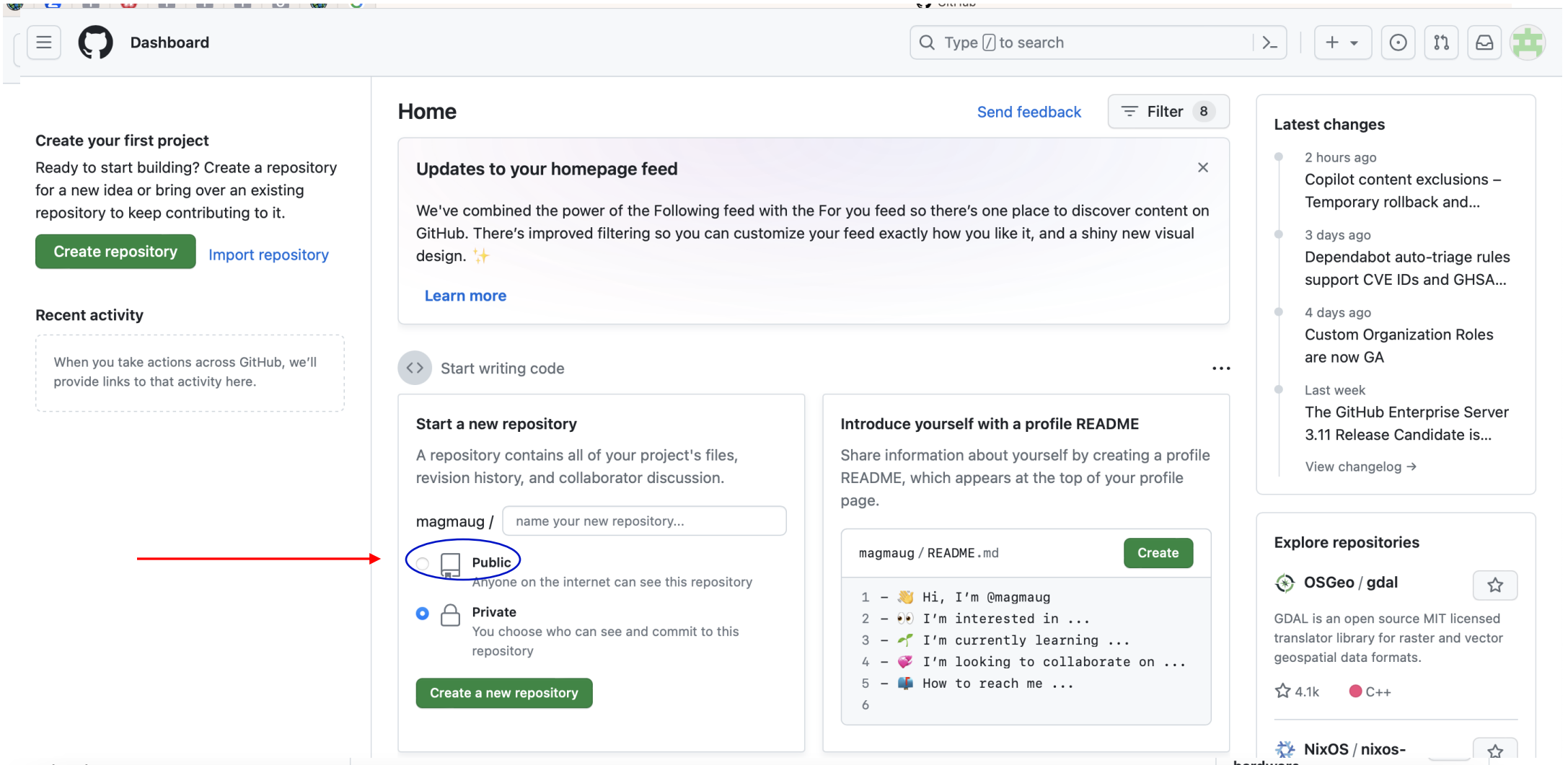
Click to create a RP

Making a Repository (RP)

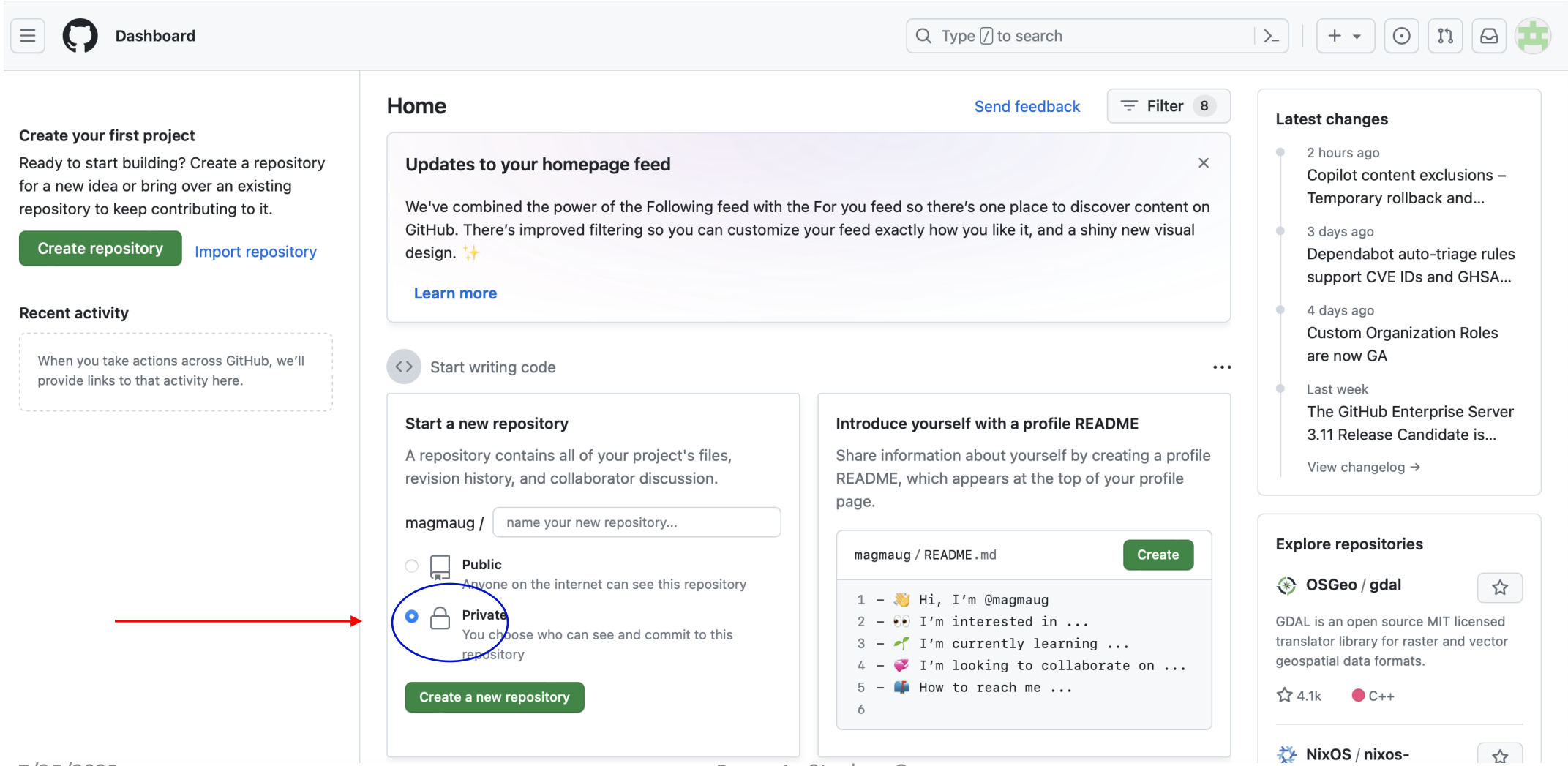


Select your option

Make Public repository

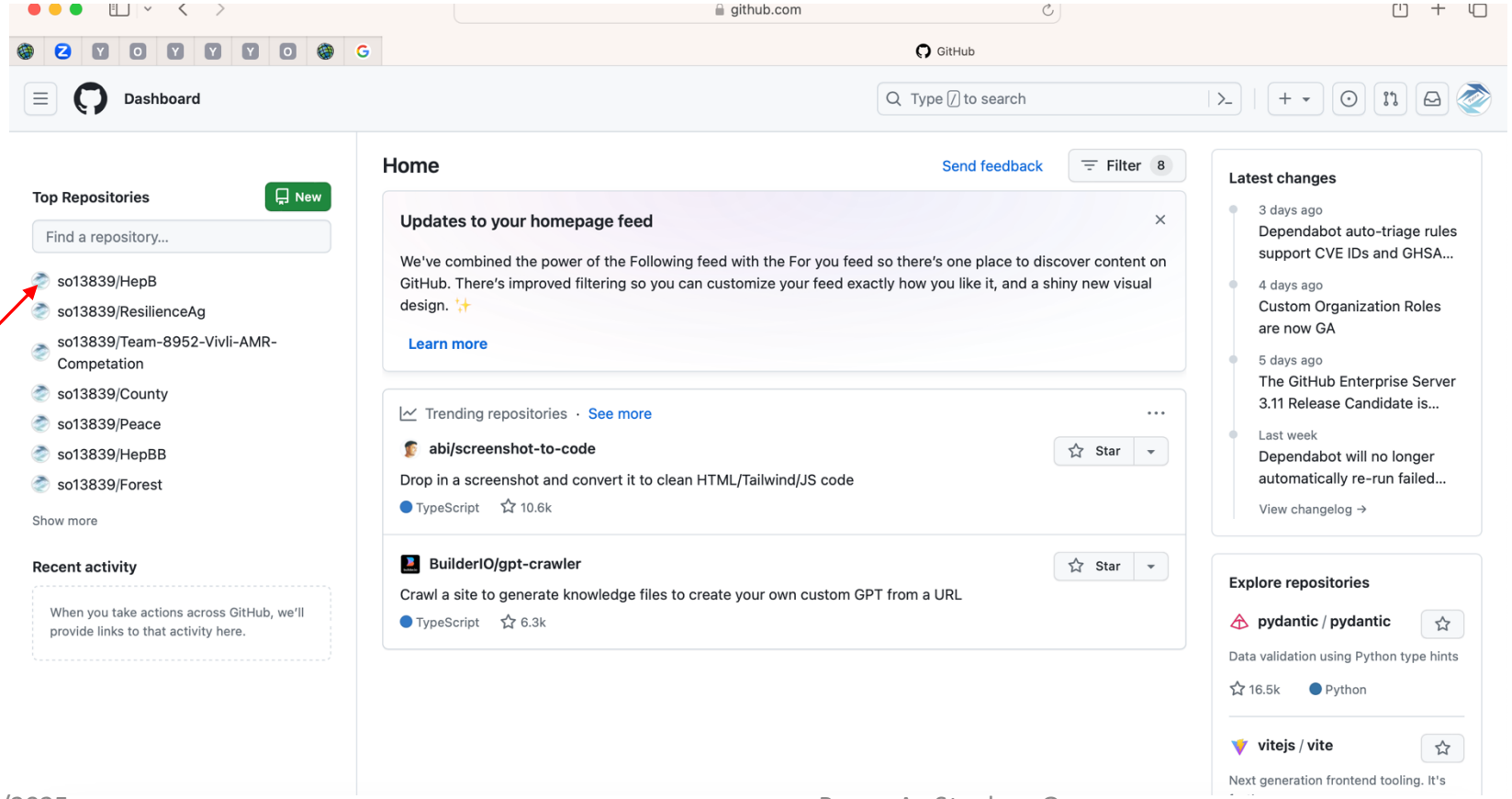


Make Private repository



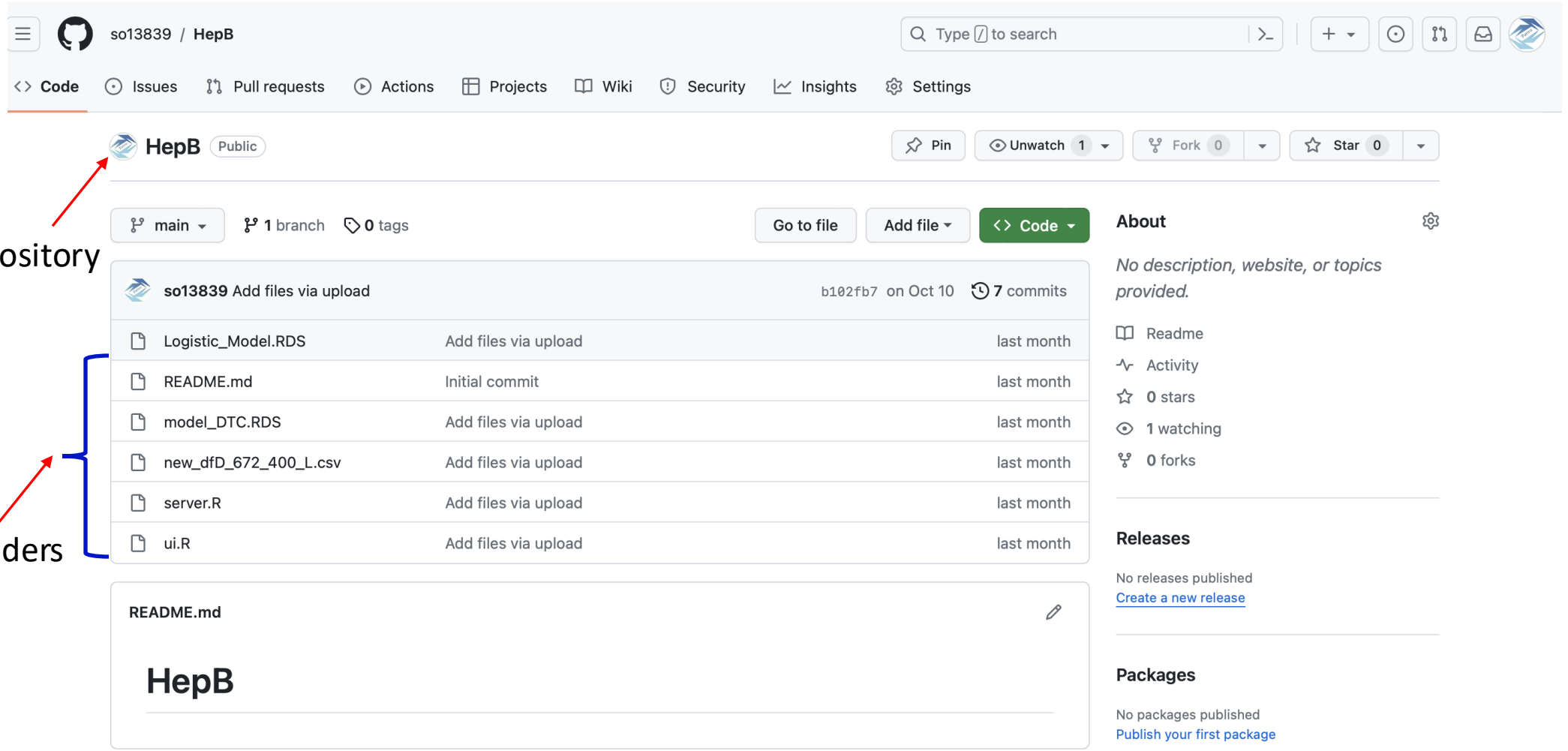
Repo

- Repository (“repo”):
  - ➢ Avery project of GitHub is called repository
  - ➢ A folder for a project that contains all the files and their version



Repository

Repository



Repository

Folders

Uploading a File to GitHub from Your Computer

- Go to your GitHub repository (project folder online)
- Click on the “Add file” button (top right)
- Select “Upload files” from the dropdown
- Drag and drop the file from your computer
- or click “choose your files” to browse
- Add a commit message (e.g., “Added draft manuscript”)
- Click “Commit changes” to upload

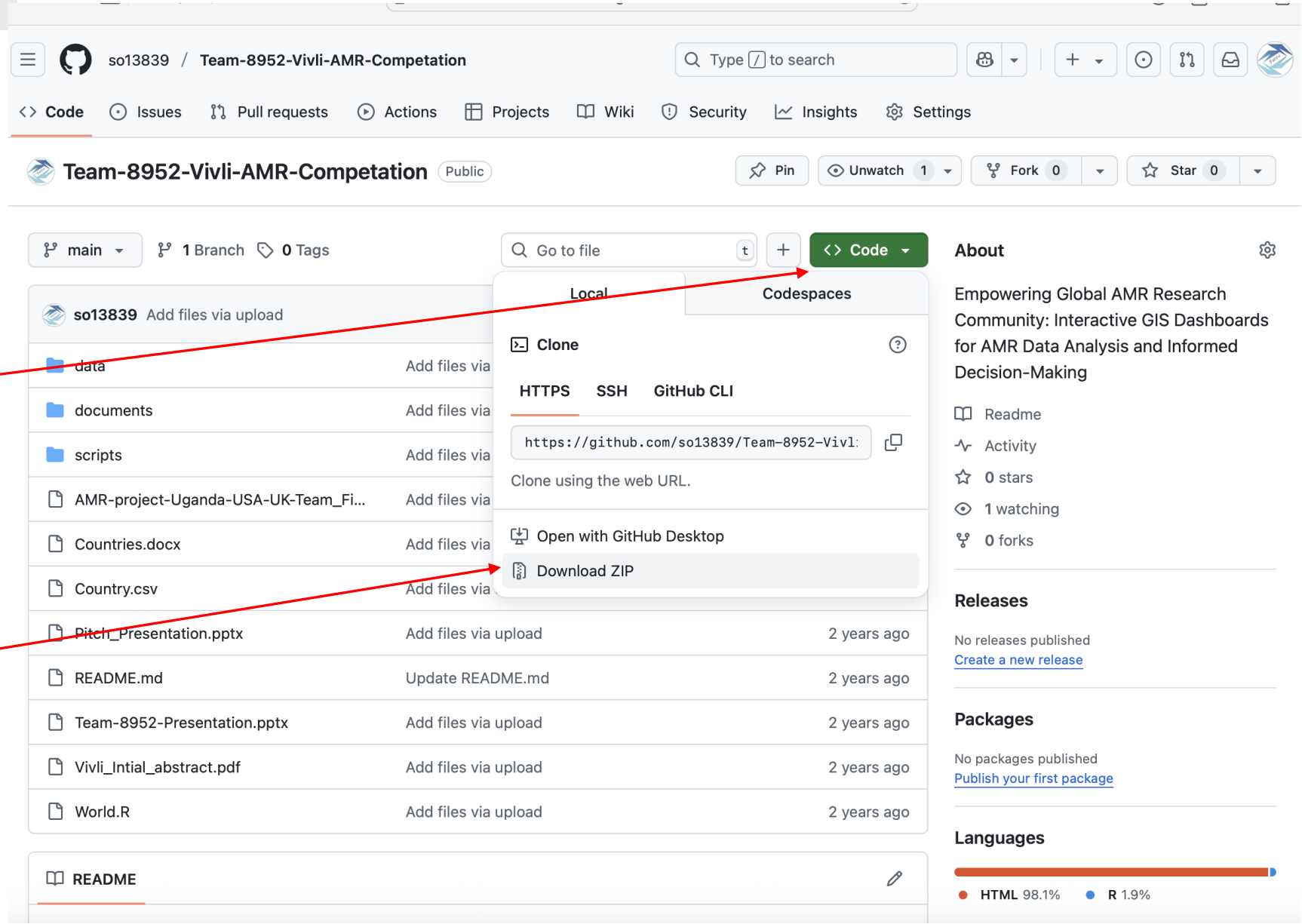
Downloading files from GitHub

- **Option 1: Download a Zip file**
- **Download the whole repository**

  - Go to the main page of the repository.
  - Click the green **<> Code** button.
  - Select **"Download ZIP"**.
  - Extract the ZIP file to access the files.

Green code

Zip



Downloading files from GitHub

- **Option 2: Download a single file**

- Click on the file you want

- Click the “Raw” button

- Right-click and choose “Save As…” to download

- Now you have a copy of the file(s) on your computer!

main 1 Branch 0 Tags Go to file t Code

so13839 Add files via upload 6e9f810 · 5 months ago 22 Commits

data	Add files via upload	5 months ago
documents	Add files via upload	7 months ago
scripts	Add files via upload	11 months ago
AMR-project-Uganda-USA-UK-Team_Fi...	Add files via upload	2 years ago
Countries.docx	Add files via upload	2 years ago
Country.csv	Add files via upload	2 years ago
Pitch_Presentation.pptx	Add files via upload	2 years ago
README.md	Update README.md	2 years ago
Team-8952-Presentation.pptx	Add files via upload	2 years ago
Vivli_Intial_abstract.pdf	Add files via upload	2 years ago
World.R	Add files via upload	2 years ago

About

Empowering Global AMR Research Community: Interactive GIS Dashboards for AMR Data Analysis and Informed Decision-Making

Readme
Activity
0 stars
1 watching
0 forks

Releases

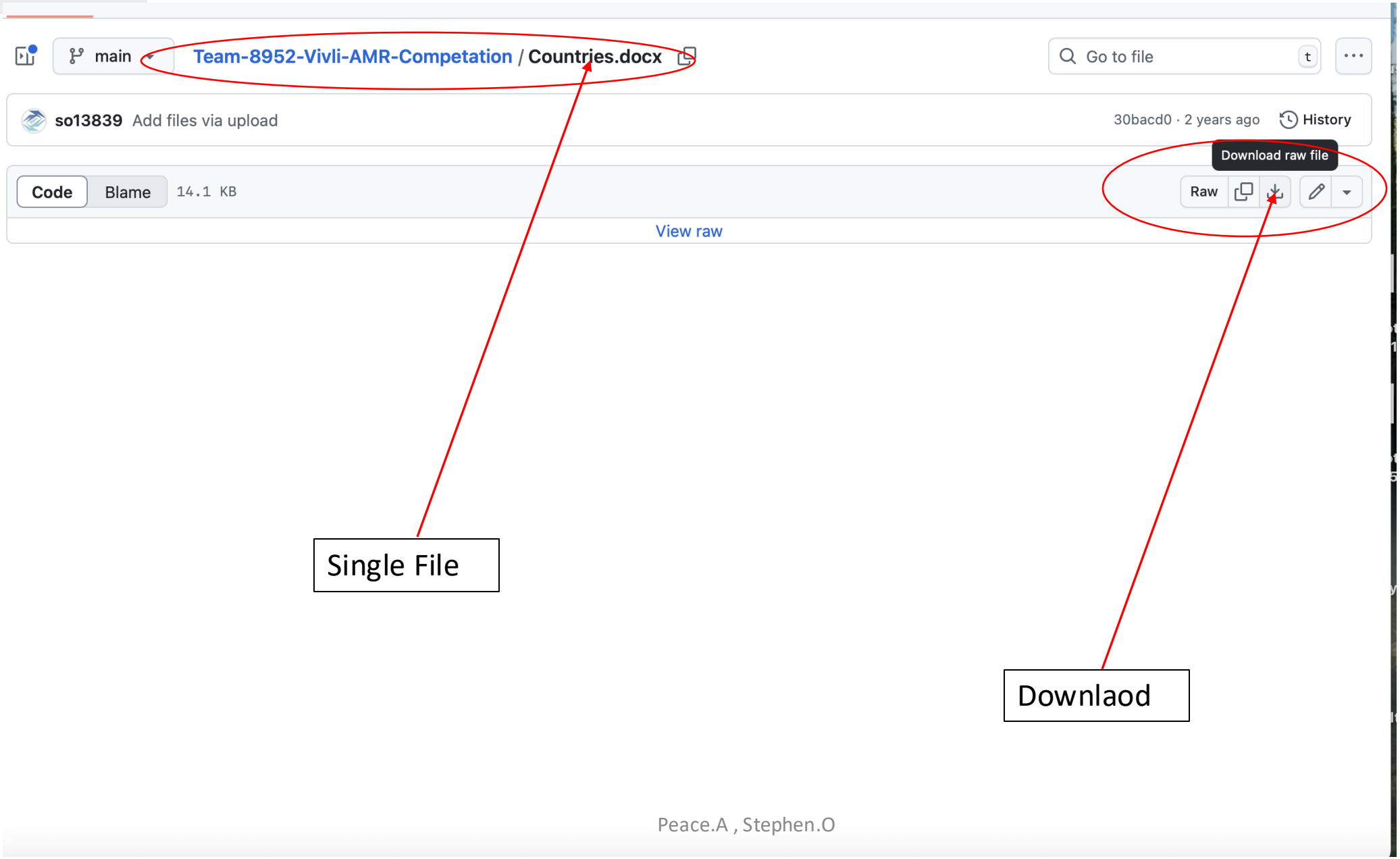
No releases published
Create a new release

Packages

No packages published
Publish your first package

Languages

Single File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History
Download raw file
Code
Blame
14.1 KB
Raw
View raw
Single File
Downlaod

Activity

- Create a Github account online
- Upload agriculture csv file
- Download the agriculture csv file

Acknowledgement

- RUFORUM
- ALL ATTENDEES
- PATIRA DATA SCIENCE TEAM

THANK YOU