

GitHub for Researchers

Part 1

You are a researcher who has put together 2 things:

- A bit of code that does some analysis
- A dataset

You'd like to put this online and get feedback from your colleagues, establish connections around this

Step

Creating the Repository

1. Start at <https://github.com/new>
2. Give the Repository a good name
3. Click *Add a README file*
4. Click *Create Repository*

Owner ^{*} elibtronic / Repository name ^{*} my_research project ✓

Great repository names: Your new repository will be created as my_research-project. ubilant-meme?

Description (optional)

Public
Anyone on the internet can see this repository. You choose who can commit.

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

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

Add a README file
This is where you can write a long description for your project. [Learn more.](#)

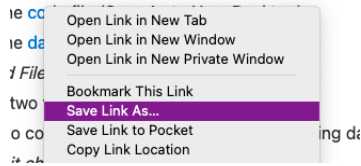
Add .gitignore
Choose which files not to track from a list of templates. [Learn more.](#)

Choose a license
A license tells others what they can and can't do with your code. [Learn more.](#)

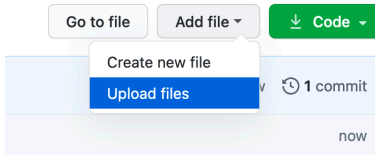
This will set `main` as the default branch. Change the default name in your [settings](#).

Create repository

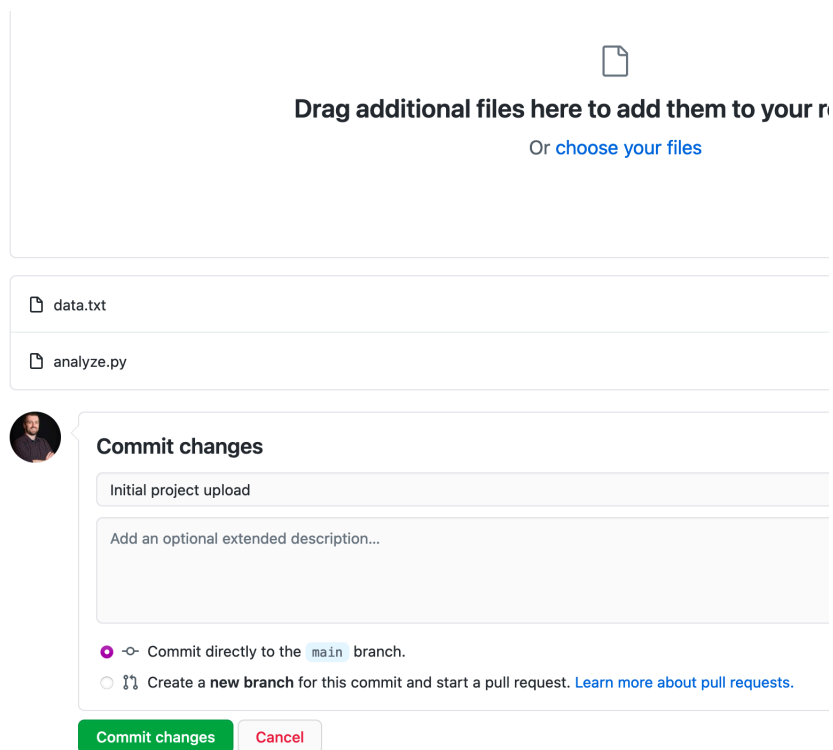
Adding your initial info and committing changes



1. Download the [code](#) file (Right click & Save As to Your Desktop)
2. Download the [data](#) file (Rick click & Save As to Your Desktop)



3. Click on *Add File -> Upload Files*
4. Choose the two you downloaded in the steps above files
5. Add a note to commit changes, something like "inital project upload"
6. Click *Commit changes*

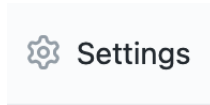


7. Return to the main page of your repository and click *Commits* to see the progress thus far!

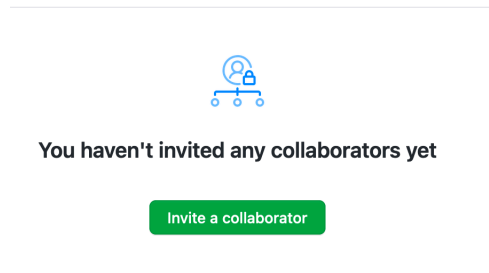


Sharing repository with a collaborator

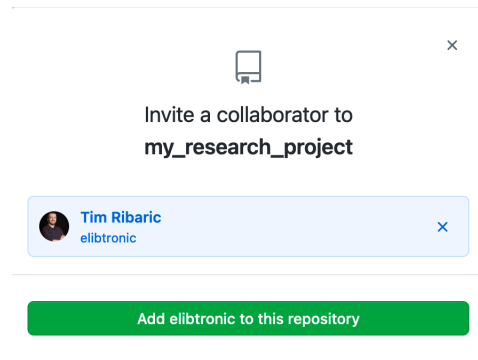
1. Click *Settings* along the top



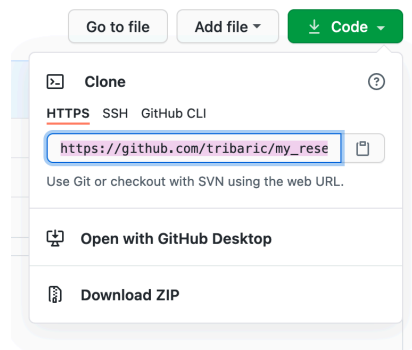
2. Click *Manage access*
3. Click *Invite a collaborator*



4. Type *elibtronic* in the search box
5. Click *Add elibtronic to this repository*



4. Return to main page of repository
5. Click *Code*



6. Copy/Paste the URL in the bar to the Zoom chat box

Congrats!

You've setup your project and shared it with a collaborator.