AI^2 'Reaching out!' workshop:

Making a Website with a Template

Workshop outcomes:

1) Be able to copy the website data across into your GitHub account.
2) Learn to download and edit the files in an editor (e.g. VS Code, RStudio, Jupyter Notebook etc.)
3) Push back up to GitHub where it's hosted as a website.

Introduction:

A website is a fun space to log any thoughts you have, record things you read or worked on, create a portfolio, and practice explaining concepts. You can use this to share tutorials and tips with friends and to showcase your best work to employers. Ultimately, it is yours to express yourself however as much or as little as you want.

Prelim:

Make a GitHub account (very useful generally beyond this tutorial).

Install Git on your computer (very useful generally beyond this tutorial).

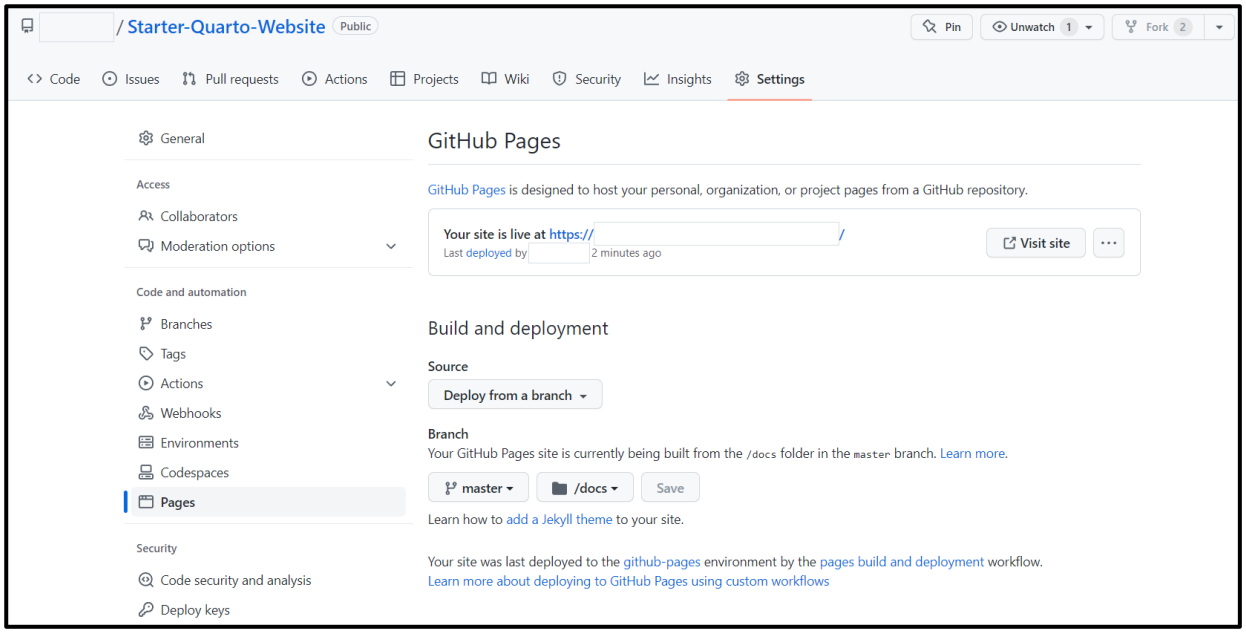
Connect Git (local software on your computer) and GitHub (online website).

Install Quarto on your computer.

Task 1: Copy the data into a GitHub account

1. Go to this link https://github.com/Smule11/Starter-Quarto-Website/.
2. Fork the repository, so you have a version in your own GitHub repo.
3. Go to the repo settings and select the Pages settings.

   Under 'build and deployment', select branch=main and folder=/docs. Then your website should go live! You have a website!



Task 2: But how to edit the website…

1. Click the clone button to download the repository files to your local computer environment.
2. Go into the website folder and right click and open terminal. Type “git init” to establish a .git file, and creating version control.
3. Edit the markdown files in a markdown (.md / .qmd) or notebook (.ipynb) editor of your choice.
4. Use Quarto to convert the markdown files into the HTML files.

    Run "quarto render the_file_path_of_your_website_directory" in a terminal (or use the shortcut in VS Code / Jupyter Notebook if you have the relevant Quarto extension).

5. Push this local repository back up to the GitHub repository where your GitHub pages website is stored, using Git (git commit, git push).