# Introduction

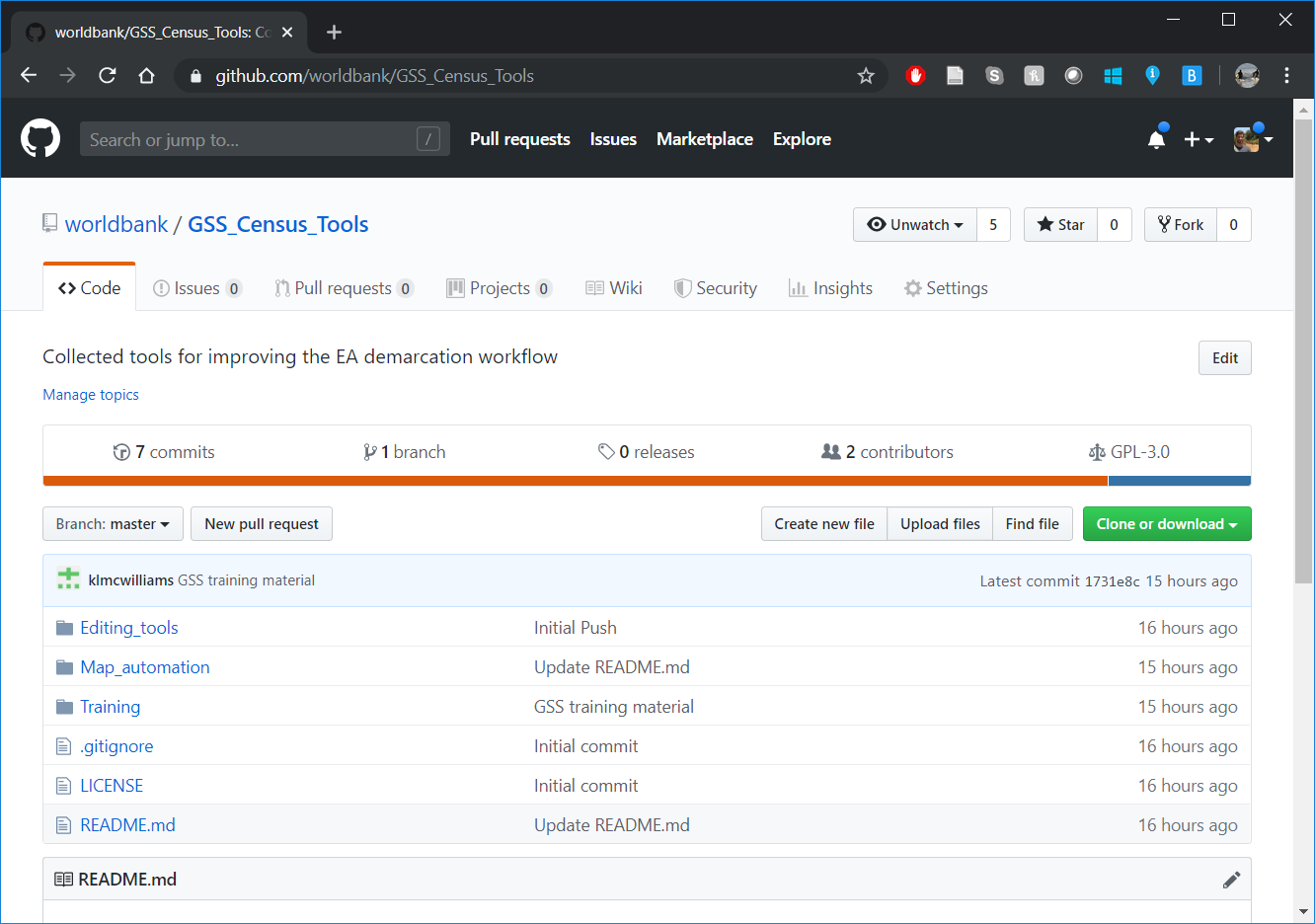
The World Bank geospatial team have set up a github repository to store the information and training delivered to GSS from November 4th – 15th. This is a brief guide on how to set-up and use the github repository:

1. How to download the repository
2. How to participate in the repository
   1. Sign-up for github
   2. Download github desktop for windows
   3. Clone repository
   4. Make changes
   5. Push

Github is a change management and collaboration platform designed to allow collaborators to work together on code and projects.

# How to download the repository

Visit the repository <https://github.com/worldbank/GSS_Census_Tools>. In the top right there will be a button marked clone or download. Here you can download the zip file containing the entire repository.



# How to participate in the repository

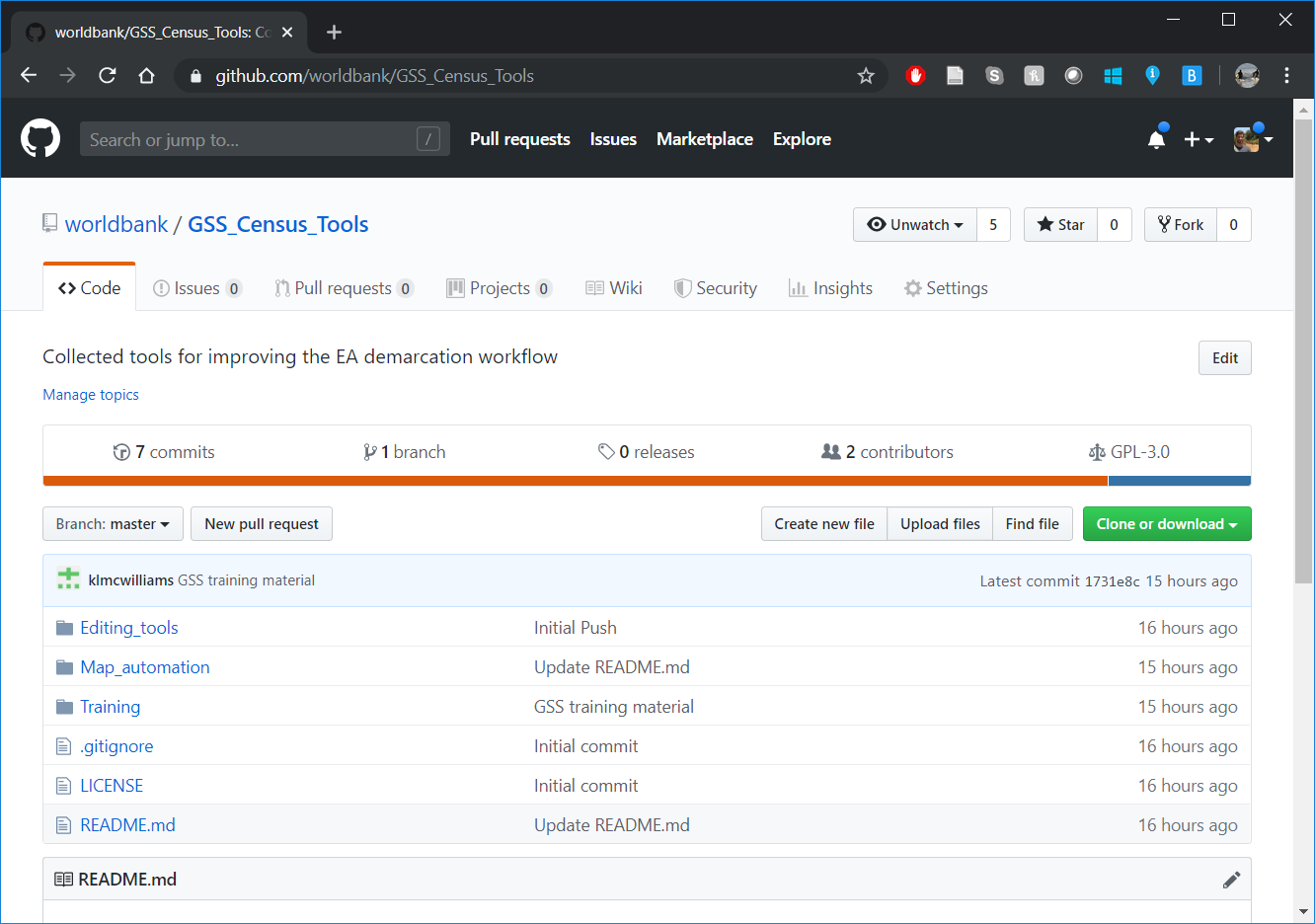
The github repository serves both as a method for disseminating information, and a place where we can discuss problems and new issues. It also serves as a place for collaboration – if someone outside the World Bank wants to add information or tools, they can equally contribute to the tool as well

## Creating a github user account

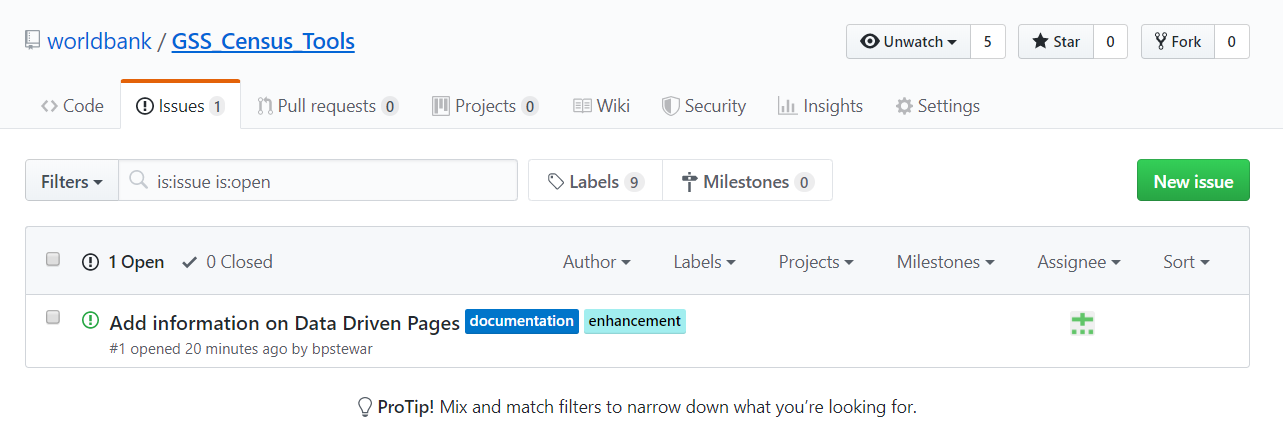
In order to participate in the issues tracker or in the repository content, you need to have a github username, and you need to ask the World Bank to add you as a trusted user to the account. Visit <https://github.com> and sign up for a FREE account. Once you have completed this process, send your username to [bstewart@worldbank.org](mailto:bstewart@worldbank.org), and Ben will add you to the github repository.

## Issues

The issue tracker is where GSS staff should send comments/questions about existing tools and suggestions/requests for new tools. At the top of the repository, there is a tab for issues. **In order to use the issue tracker, you need to be logged in**.



In the issue tracker you can either raise a new issue using the New Issue button, or you can check out an existing issue and either provide comments or a solution. It is important to consider tags and titles when using the issue tracker to make the information more searchable.



## Contributing to the repository

Anyone approved by the World Bank Group can contribute to the repository – that is the ultimate function of git. In order to do so, the user should sign up for github, and then download github desktop (<https://desktop.github.com/>). There are other tools that can also be used (such as Kraken), but github is the easiest.

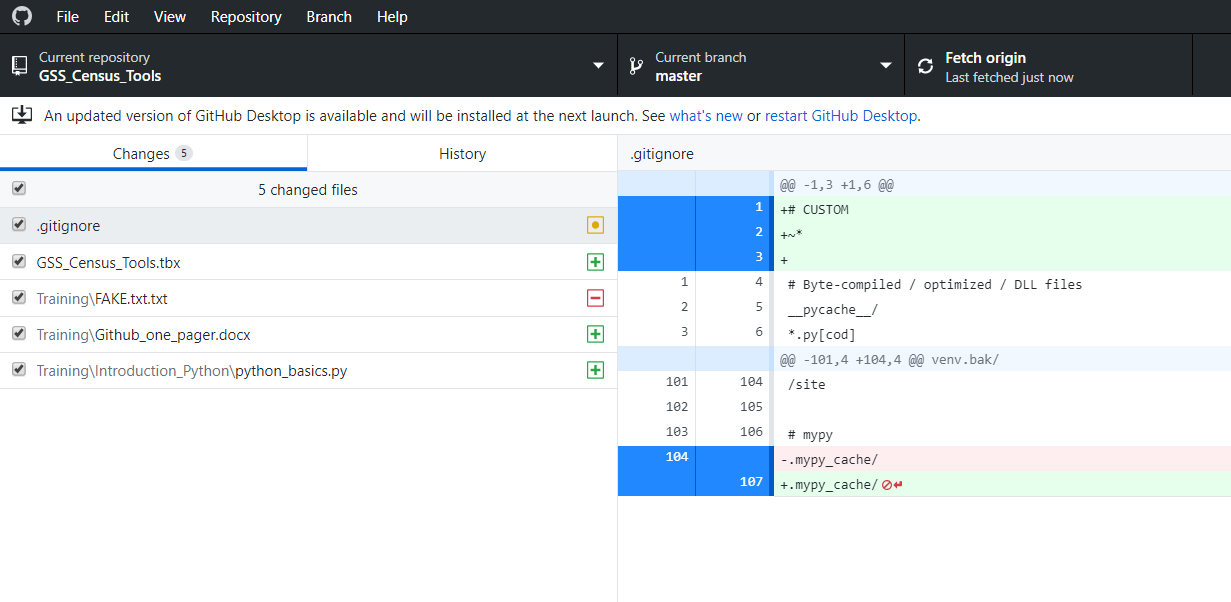
Once it is downloaded and launched, return to the front page of the repository (<https://github.com/worldbank/GSS_Census_Tools>), and click on the **Clone or Download** button. If you click open in desktop, the github desktop application should open; if it does not, copy the url. You can paste the URL into github desktop as indicated below to clone the repository.

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At this screen you can define where you want the repository to be saved. This will copy all the information in the repository to your local machine.

## Downloading the latest version

Using Github desktop you can refresh your version of the repository to ensure it is up to date with changes in the online version – click the fetch origin to download all changes to the repository



## Updating the repository

If you make any changes to the repository (adding new files, updating old files), you can update the online repository by making a push. On the left side of the application you should see the changes you have made; if you enter a summary and description of the changes you have made, you can commit changes. Once they are committed, click push, and the changes will propagate online.

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