

## Hosting your Project.

The recommended method for hosting both code and analytic projects is on GitHub.com which will allow you to access your code easily, all you to share your code or graphics with other people (if desired), and also allow viewing the project via a browser. You can use any hosting you want as long as you can submit to TruMedia a URL for your project.

Here are the basic instructions

1. Create an account at github.com
2. Create a repository by following the directions (below)
3. Move files to the repo
4. Give us a link to your project

### Create a Repository in GitHub

Note: This is an overview of the process, any directions on the github site obviously supercede these.

A repository is collection of files for your project. In addition to simply storing your files, it also keeps track of changes to the project allows you to potentially undo errors and a number of other services.

1. After logging into github click on Create Repository.
2. Give your repository a name
3. To keep your account free, keep the repository public. If you have (or create) a paid account you can have a private repository
4. Check "Initialize this repository with a README"
5. **Optional:** Choose if you want to add a .gitignore if you choose. This is purely a personal technical decision for coders about their development tools and will probably not apply at all to the Analytic Entrants
6. **Optional:** Choose a license for your code or analytic model. For further information visit <http://choosealicense.com/>
7. Click Create Repository

### Moving Files to the Repository

Github is primarily a coding platform that can be integrated into many different development tools. As a result there is no "UPLOAD" button where you can simply choose a file to move to the site. If you are not using one of these development tools, we recommend using the GitHub Desktop client (<https://desktop.github.com/>).

By following these directions, you are essentially working with two repositories. The first you have already created on GitHub, the second you will create on your computer.

1. Got to <https://desktop.github.com/>, download and install the GitHub Desktop Client
2. Open the installed application and click on the plus sign in the upper left hand corner.
3. Choose Clone from the bar across the top of the window that opens. You should see a list of your projects on the github site. .
4. Click on the project you want to use and then click on Clone at the bottom of the window.
5. Choose or create a folder to use as your local repository. NOTE: A folder with the name of your repo will be created. If you already have files for your project, you will need to copy those files into this new folder.

To move files to GitHub there is a three step workflow

Create/Edit Documents → Commit the documents into your local Git Repo → Push the documents to GitHub.

1. Create your project in this folder using the tools you would normally or copy and paste your project files into this folder.
2. Open to the GitHub Desktop application and click on your project on the left hand side of the window. You will see a list of files in a column with “# Changes” at the top where # is the number of files which are in the list. These are the files which have been added or changed since you last opened the GitHub desktop Application and need to be committed to your local repository.. Under that list of files is a short form with boxes for Summary and Description. Fill in these fields (Summary is required. Description is recommended).
3. Click on “Commit to Master” at the bottom of the screen.
4. This committed your changes to your local repo. To move the files to GitHub, click on the SYNC button at the top right corner of the window.
5. When the app is done synching, look at your repo on the github website and you will see your files under the Code tab.

To view your project in a browser.

Github is used to view files as code, not finished product so simply going to your project repo will not show your project in it's final form. Instead, add “<http://htmlpreview.github.io/?https://raw.githubusercontent.com/>” to the front of the address of a file you wish to show. For example. if the address of your repo looks like this:

[https://github.com/USERNAME/PROJECT\\_NAME](https://github.com/USERNAME/PROJECT_NAME)

In that repo, the main branch is called “master” and, you want people to view your project by starting at the file “index.html” You can view the project in a browser by using the URL

[http://htmlpreview.github.io/?https://raw.githubusercontent.com/USERNAME/PROJECT\\_NAME/master/Index.html](http://htmlpreview.github.io/?https://raw.githubusercontent.com/USERNAME/PROJECT_NAME/master/Index.html)

These directions work for .html files. For other formats and file types, such as PowerPoint. Save or Export your project as a webpage (.htm or .html) and use that URL.