

# R Projects & GitHub

## Project Organization

The basic workflow of creating a repository on GitHub, cloning the project to your computer, and using GitHub as version control. See notes for details.

### Create a repo

Create a new repo on GitHub for a your project. Include a .gitignore and a license. Create your folder structure and include "readme.md" files in each (metadata)



### Clone repo

Copy repo URL > 'New Project' in R Studio > "Version Control" > paste URL & select directory



### Work in the project

Use R as usual, saving your data, scripts, and outputs in your project.



### Commit & push to GitHub

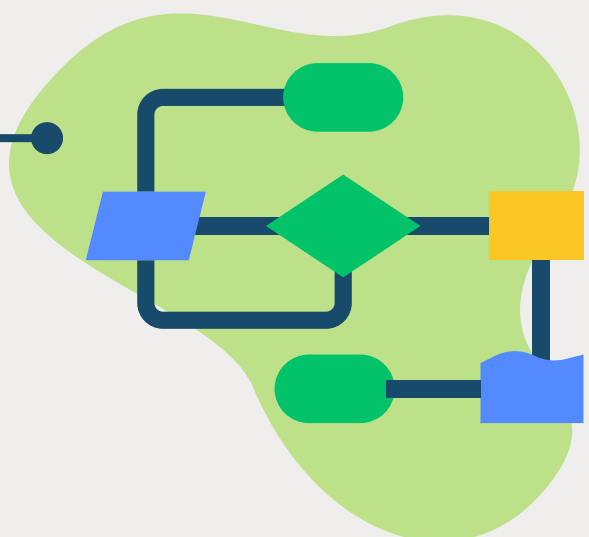
Commit often, and push to your repo (the cloud) to create a back up

### Reminder

Your repo can be private (limiting people's access to your project) or public (anyone can see it). You can change this at any time.

### Workflow

Work in R > commit when you make changes > push to your repo (make sure code in your repo always works)



### Working across computers

You can clone your repo to any computer, and because you're using projects, it will work.

### Resources

[happygitwithr](https://happygitwithr.com)