

# HOW TO USE THIS NOTEBOOK AND REPOSITORY

We're asking those who wish to participate in this exercise to clone the github repository, create a personal branch, and make additions to the repository by creating new, customized notebooks. The general procedure is as follows:

- `git clone https://github.com/TheRensselaerIDEA/COVID-Notebooks.git` in your home directory, creating a new directory COVID-Notebooks
- In the Linux shell, `cd` to COVID-Notebooks
- In the Linux shell, `git checkout -b feature-id` where `id` is the github issue number your branch will address
  - If you are working on Issue #99, your new branch should be `feature-99`
  - If someone else is already working on #99 and you want to also, separately, call your branch `feature-99-1`
  - Following this convention is **critical!**
- In RStudio Server, navigate to COVID-Notebooks via the **Files** panel
- Set this to be your R working directory
- One approach: Make a **copy** of this notebook (ie Rmd ) file using an *original, descriptive* filename
- Another approach: Create an entirely new, fresh notebook.
- In either case, use the data we've provided under the `data/csv` subdirectory.
- `edit...knit` (to HTML)...repeat
- In Linux, `git add` each file you want to add to the repository (e.g. your new Rmd file, perhaps the html you create when you knit)
- When you're ready, in Linux `git commit -a -m "some comment"` where "some comment" is a useful comment describing your changes
- Finally, `git push origin feature-id` (where `feature-id` is the branch you're working on)
- ...and then go to github and submit a pull request.

Please also see this handy github "cheatsheet": <https://education.github.com/git-cheat-sheet-education.pdf>