**Link to GitHub Repository:** <https://github.com/hagk17/Summer2020_Covid_Vulnerability_Analysis>

<https://github.com/hagk17/MA-Covid-19-Analysis-Application>

*Note: This project was completed in RStudio, and thus, all instructions will be in the context of that program.*

**To Download from GitHub Without Intent to Re-Upload**

-Click on green “Code” button

-Select “Download Zip”

**To Download from GitHub With Intent to Re-Upload**

In GitHub:

-Click on green “Code” button

-copy the link to the clipboard

*For the entire project repository:*

[git@github.com](mailto:git@github.com):hagk17/Summer2020\_Covid\_Vulnerability\_Analysis.git

*For the application repository:*

git@github.com:hagk17/MA-Covid-19-Analysis-Application.git

In RStudio

-Select “Create Project” (tiny blue box near top left of window)

-”Version Control” > “Git”> Paste the url in the “Repository URL” box

-Name the directory and its location on your computer

-Now open any file desired

**To Commit and Push Changes to the GitHub**

-first save the changes as you would any document (just to be safe)

-select the “Git” tab (four tabs away from the “Environment” tab)

-select the boxes of the modified files (usually all of them) > select commit

In the new window:

-reselect which files were changed and need to be uploaded (if necessary)

-add a commit message of what was changed

-click “Commit” and if all goes well, close pop-up window once completed

-select “Pull” in the upper right corner and close pop-up window once completed

-to be safe, select “Pull” to ensure that the most up to date version is on your computer

**To Update Application with New Weekly Data Set**

**-**Add the new data set to the application repository in GitHub

-Open the “Raw\_Data” file in the repository

-Select “Upload files” from the “Add file” drop down and drag/drop new **csv** file

-Scroll down to add a commit message and hit green “Commit changes”

-Follow the above instructions on “Download from GitHub With Intent to Re-Upload”

-Open “Code\_to\_Clean\_Data.R” file

-in the appropriate places as instructed, replace

-name of input file (should be name of file just added to Raw\_Data file)

-the most recent date of the weekly cases data

-add to the end of this list, each list the most recent dates in the for the weekly cases and weekly rates respectively

-new xlsx file name (near end of code)

*Note: this file MUST be in the same location as the fullApp.R file*

Run entire script (double check that xlsx file is in directory when completed)

-Follow “To Commit and Push Changes to the GitHub**”** instructions to push updated “Code\_to\_Clean\_Data.R” and “new file name” to the repository

-Open “fullApp.R” file

-change in the appropriate places, the name of the file with the new file name as determined by the previous steps

-run all lines of code except for the very last one which should be run independently from the rest of the chunk

*shinyApp(full\_ui, full\_server)* currently on line 805

-close out of window if satisfied with the update

-Publish App

-near top right of script window, select the blue circle (right of Run App button)

-in the pop-up

-on the left, deselect all of the files EXCEPT fullApp.R and the name of the most recent data file

-on the right, you can change which account to publish to and the url

-keep everything the same if to simply republish

-select “Publish” once satisfied

-if a “Publish Content Issue Found” pop-up occurs, hit “Publish Anyway”

-the publish application should open in the browser once deployment is complete

-Follow “To Commit and Push Changes to the GitHub**”** instructions to push all updated files