How we Use the tools

1. Starting Rstudio
   1. May need to browse to locate latest R (currently R-3.4.3) on USB
   2. Perform 3-checks to specify default working directory and git located within the git64 directory on your USB
   3. Open git\_cut\_paste Microsoft word document and copy contents to clipboard – then paste into the shell (black window)
2. All work done in project folders, so practice creating project folders. Also practice moving files into the project files folder. When you create an Rstudio project you immediately want it under git version control. Clik the box to do this when you create the project, if you missed that step go back to the terminal (shell) window and give the **git init** to achieve version control.
3. Under version control we track our work, basically starting from a skeleton markdown (or .rmd) file you will make additions and changes to that file in a series of steps. We track that series of changes using **git.** In git a **commit** is a snapshot of our work at that point. Git keeps a history of the change files so you can go back to the way it was at any point before.
4. We all must have a github account. Github allows us to back-up our projects to the cloud. It also allows us to collaborate with our classmates. If you lose your USB stick you can put it right back on your new USB stick from github.