**Install some packages on the remote server…**

* Log in on remote server
* Change directory until you are in Documents
* Create a new directory in Documents called ‘rpackages’
  + Make sure the path to the directory reads exactly as:
  + “~/Documents/rpackages”
  + this is the directory I have specified that the scripts should look in for the packages
* INSTALLING THE PACKAGES
  + Once on the remote server, run command “r”
    - This starts an r session
  + Then run command …
  + install.packages(“name\_of\_package”, lib = "~/Documents/rpackages”)
    - this is the same as our usual install.packages except the lib = argument tells it where to install the package.
  + Run this for “rvest”, “selectr”, and “WriteXLS”
    - To check if it worked you can go into the rpackages directory and run command ls (which should show you the packages you installed)

**Scripts to run…**

* There are a bunch of files in the finalproject-airbnb-team thing rn on github
* There should be a “script.R” and “attributes.R” for each city (i.e. NYattributes.R, NYscript.R)
* You need to copy these into your remote directory using the scp command instructions from the lecture on remote servers.
  + Copy them into the Documents directory
* Go into the remote directory and start by running the “..script.R” file for your city.
  + Run this as long as it goes
* IF the “..script.R” errors out for some reason, you can save yourself a little time by running the “..attributes.R” script.
  + This one is the same as the script.R except it starts later on in the script.
  + YOU JUST HAVE TO MAKE SURE THAT THE FIRST SCRIPT AT LEAST PRODUCED 2 CSV FILES
    - These files are your city name followed by “..ids” and “..prices”
    - As long as you have these you can run the second script. But if the first one goes all the way to the end just let it do its thing
* To run the script(s) go into the Documents directory on the remote server and run
  + nice Rscript name\_of\_file & (just like in the lecture notes)
  + this takes a long time so make sure you turn off sleep on your laptop or computer, hook it up to a charger and let it run. (don’t close it or turn off, if you disconnect from the server the whole thing stops)

**Hopefully you’ll end up with three new things…**

* 2 csv files
* 1 xls (or xlsx) file