**Homework 12**

**Due Dec 2 (Sunday)**

1. Find a non-english newspaper with an api. Le Monde is one choice. Write functions that search the newspaper in some way, and use Google Cloud to translate the text into English and produce mp3 files of newspaper text read in English. Your code should allow the user to listen to the mp3 files from within R.

Your functions should form an API, allowing a user to interact with the newspaper data at a high level, without the need to know the details of the newspaper api such as how data is queried and retrieved. Format your homework as a collection of functions and then use those functions in an Rmarkdown to showcase there utility.

Submit your results to dropbox as before, in the form of a pdf file from Rmarkdown. But for this homework, you should also use git to track your code and output. You will find a github repository SLeviyang/Homework-12. Branch this repo into your github account (do this by clicking the branch button on the upper right of the repo page). In class we downloaded github repos and unzipped them locally (on your own machine) to create a local repo. Another way is to clone a repo using the following code

git clone your\_branch\_url

You can find your branch’s url by clicking on the green “clone or download” button. The clone command will create a folder “Homework-12” that contains a local git repo that is associated with your branched github repo.

In your local Homework-12 folder, create a subfolder with your name (so for me I would create a folder Homework-12/Sivan). In that folder complete the homework assignment, making sure to make commits every once in a while and push them to your github page

git add filename(s)

git commit -m “a commit message”

git push -u origin your\_branch\_name

Once you are done with the homework and pushed it to your github repo, issue a pull request to me. I will then pull in your branch into my SLeviyang/Homework-12 folder. By the end, each of you will have your homework as a folder in my repo.