DS 413/613 Homework

Forking and Data.Table

Instructions:

Students; work with your team member for the following forking activity that involves a data.table problem. One person of the team is to fork another team member’s repository, make modifications in a file, and submit a pull request for a merge to the original repository. The R file to be pushed to a new repository is posted on blackboard; the file to be modified contains tidyverse coding to alter a data set. The team member who executes the fork is to add data.table code that will produce the same output. (Do not run or execute the code, you are only to enter the code).

The sequence of steps and instructions are provided below. Team members are to decide who will fill the roles of Person A and Person B

Step 1 **Person A** creates a new github repository and pushes the teacher provided file to github

Step 2 **Person A** person emails the github repository url to Person B

Step 3 **Person B** get access, he/she is to click on *Fork* in the upper right hand corner of the page.

Step 4 **Person B** now locates and clicks on the file that is to be modified.

Step 5 **Person B** is now to use the edit pencil found on the right and enters the additional code requested.

Step 6 **Person B** is now to scroll to the bottom of the page and click on the green tab Commit Changes (make sure that the *Commit directly to the master branch circle is selected*), and then click on Pull Requests in the upper left hand corner.

Step 7 **Person B** is now to click on the green tab New pull request in the upper right hand corner

Step 8 **Person B** is now to click on the green tab Crate pull request and the click on the other green tab Create pull request that appears at the bottom.

**Person B** is to now stop !!

Step 9 **Person A** is now to open his or her original repository and click on *Pull requests* and look below for file that was modified and click on it.

Step 10 **Person A** is now to click on the green tab Merge pull request

Step 11 **Person A** is now to click on the green tab Confirm merge, located at the bottom of the page.

Now a page with the purple tab  will appear in the upper left hand side of the page. This page gives evidence to the successful forking execution. **Person A** is to email me the url of this page.