

DPSS 2020

HW1

Due Date: June 31, 2020

Instructions:

Welcome everyone! I hope you are all ready to engage with DPSS, and to start your journey to becoming a successful data analyst. This assignment will introduce you to many of the **digital tools** we will be using over the coming weeks. Particularly, you will engage with **R-Studio, Piazza, and Canvas**.

Read the following questions carefully and completely before attempting an answer. When recording your answers, be sure to answer each aspect of the question to the best of your ability. Please compile all of your answers into a single PDF document and submit that document under the submit assignment option in Canvas. All students should use the following format to name their file: LASTNAME_FIRSTNAME.pdf

This assignment will ask you to take **screenshots** to verify your engagement with digital resources for this class. For a guide on how to take screenshots, [here](#) is an excellent resource. Be sure not to include any private information within the screenshots you submit for this assignment.

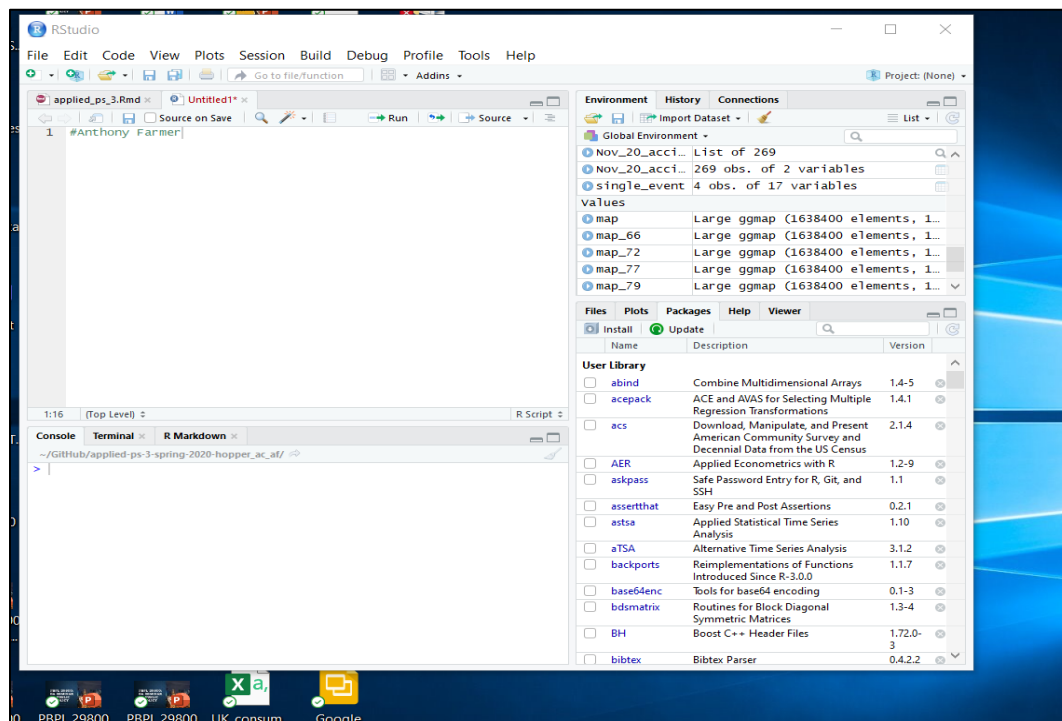
If you have any questions, the class piazza page is the best place to post these questions for a quick response from the teaching fellow team (TFs). During this first week, the TFs will try to be responsive to all forms of questions – including emails, piazza questions, and others. However, in the coming weeks, it is expected that all students will submit their questions via Piazza.

Question 1 (3 points):

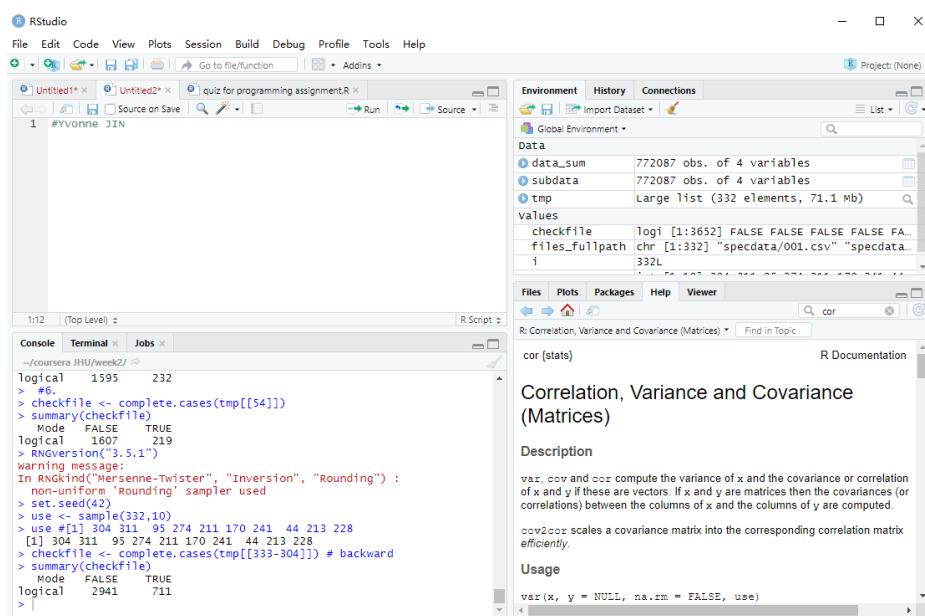
R is a language and environment for statistical computing and graphics. R provides a **wide variety of statistical (linear and nonlinear modelling, classical statistical tests, time-series analysis, classification, clustering, ...)** and **graphical** techniques, and is highly extensible. R is one of the fastest growing and most in demand languages for data analytics¹,

¹ <http://r4stats.com/articles/popularity/>

while providing a unitary environment that allows users to learn all of the functionality of the language in one place – rather than having to download multiple user interfaces.



As a first task, each student should install R and R-Studio onto their computer. The syllabus has links to helpful resources for this process. Once installed open up R studio, use the file tab to **start a new R script and type: #your_name into the source window**. See the screenshot above for an example of what your output should look like. Attach a screenshot of your R script [below](#). We will be getting comfortable working in R-Studio in week 2, but [here](#) is a great resource if you want to get a head start on learning the interface.



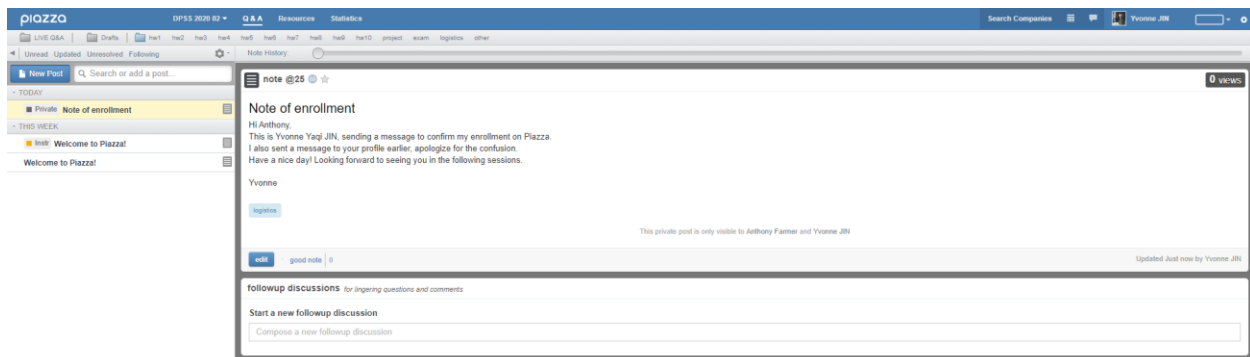
Question 2 (3 points):

Piazza is an online platform that facilitates interaction among students and instructors in an efficient and intuitive manner. It is the tool that the teaching fellows will be using to engage with DPSS students. As such, it is important to get all students enrolled in our piazza course. Please visit piazza and **set up an account using your UChicago email credentials**. Once a Piazza account is active, students may use the following link to enroll for this session of DPSS: piazza.com/uchicago/summer2020/dpss202002

Please be sure to join the session 2 piazza page, not session 1.

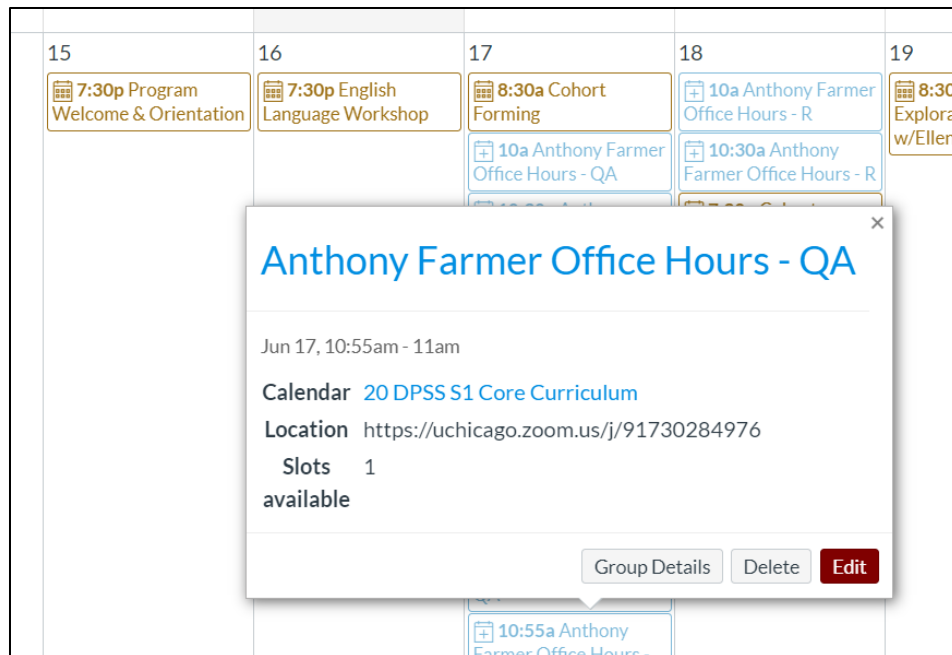
Once enrolled in this course, **please send a note to the lead TF – Anthony Farmer**. On the note, be sure to list your full name. Be careful to send a note to Anthony privately, and not to post publicly to the Piazza page (which is the default). While we normally encourage publicly posting questions, for the purpose of this assignment we would like a private note to be sent.

**Please note that you may keep yourself anonymous to other students on Piazza if you wish. No usernames will be disclosed to other students. This is simply an exercise to ensure all students have access to Piazza.*

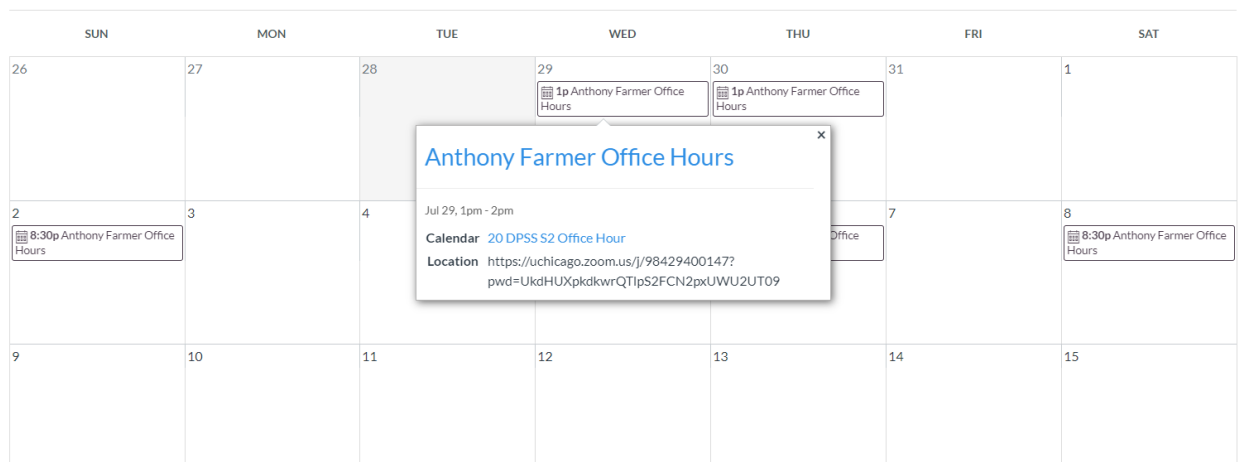


Question 3 (2 points):

For your next task, students will have to prove that they are comfortable using **the canvas calendars** that will keep this course organized and efficient. As an enrolled student in this course, you should have access to **four** separate canvas pages: DPSS Core Curriculum, DPSS Community Resource, DPSS Capstone Project, and DPSS Office Hours. This question will focus on teaching students how **to utilize the calendar on canvas to schedule an office hour appointment**.



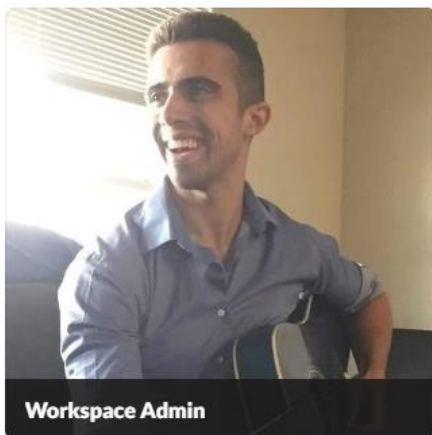
Log into canvas and click on the “view calendar” link on the student dashboard tab. This will bring you to your personal calendar. This calendar may look a bit cluttered, because it will automatically display events for all the course you are enrolled in. To fix this, navigate to the “calendars” drop down menu, and select only DPSS Office Hours. This will display only the office hours available to you for access. Then, click on one of the office hour appointments. You should see the date and the time, a zoom link to the virtual office hour meeting place, and an option to sign up for this office hour if it is a private appointment section. See the image above for an example. Please take a screenshot of this display and attach it below.



Question 4 (2 points):

For your last task, students will have to prove that you have registered on **slack**. Once you have set up a slack profile with your profile picture included, please navigate to your name, click on it, and choose view profile. Take a screenshot like the one below showing that you are on slack, and that you have uploaded your profile photo.

Profile



Anthony Farmer

Profile



yvonne27 ●

University of Hong Kong

🏠 Working remotely



Edit status



Edit profile



More

Display name

Yvonne JIN