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First few week activities and assignments

Week	Day	Date	Time	Activity/Assignment
1	Thursday	2022-08-25	4:00-5:30 pm	Optional: Introduction to LaTeX session (see notes below)
	Friday	2022-08-26	noon	Required (part of your class participation): class survey
	Friday	2022-08-26	noon	Required: office hour time survey
	Friday	2022-08-26	noon	Optional: survey for time for extra R help session
	Friday	2022-08-26	lab (1:00-4:30 pm)	Optional: Lab 0 help session for software installation/setup and UNIX command line basics (see Details below)
2	Monday	2022-08-29		Required: read sections 1-3 of Unit 2
	Monday	2022-08-29		Optional: work through the UNIX basics tutorial and answer (for yourself) the questions at the end
2	TBD	TBD	TBD	Optional: R help session (see Details below)
	Friday	2022-09-02	10 am	Required: Bash shell tutorial and exercises (see Details below)
	Friday	2022-09-02	lab	Required: Lab 1 on using course tools and problem set submission (see Details below)
3	Wednesday	2022-09-07	4:00-5:30 pm	Optional: Introduction to LaTeX session (see notes below)
	Friday	2022-09-09	10 am	Regular expression tutorial and exercises (see Details below)
	Friday	2022-09-09	lab	Required: Lab 2 on assertions and testing

Notes on assignments and activities

Assignments

- Optional library LaTeX sessions: I highly recommend (in particular if you are a Statistics graduate student) that you know how to create equations in LaTeX.
- Optional Lab 0 software/command line help session in Evans 344: Help session for installing software, accessing a UNIX-style command line, and basic UNIX usage (e.g., the UNIX basics tutorial). You should have software installed, be able to accesss the command line, and have started to become familiar with basic UNIX usage before class on Wednesday August 31.
- Optional R help session: If you are not familiar with R at the level of modules 1-5 of the R bootcamp, work through those modules and the breakout problems associated with the modules. If you'd like help and an opportunity for extra practice, please attend the special R catch-up session listed above. Some other resources for R are listed at the end of module 11 of the bootcamp materials, so you could also use those resources. You should do this by the end of the week of September 6.
- Bash shell tutorial and exercises: By Friday September 2 at 10 am, read through this tutorial on using the bash shell. See the notes in Unit 3 on what topics you can skip; in particular you can skip the pages on Regular Expressions and Managing Processes. Work through the first 10 problems in the exercises the end of the tutorial and submit answers via TBD as text. This is not a formal problem set, so you don't need to worry about formatting nor about explaining/commenting your answers, nor do you need to put your answers in your GitHub class repository. In fact it's even fine with me if you hand-write the answers and scan them to an electronic document. I just want to make sure you've worked through the tutorial. You don't need to look at all the sections in the tutorial. Please see Section 2 of Unit 3 in the course repository for a list of the sections you can skip over. I'll be doing demonstrations on using the bash shell in class on Wednesday August 31, so that will be helpful as you work through the tutorial.
- Lab 1: First section/lab on using Git, setting up your GitHub repository for problem sets, and using R Markdown/knitr to generate dynamic documents. Please come only to the section you are registered for given space limits in the room, unless you have talked with Chris and have his permission.
- Regular expression tutorial and exercises: By Friday September 9 at 10 am, read the regular expression material in the tutorial on using the bash shell. Also read Section 2.1 of the string processing tutorial (you can focus on Section 2.1.2 on stringr if you wish). Then answer the regular expressions (regex) practice problems and submit your answers via TBD. This is not one of the graded problem sets but rather an 'assignment' that will simply be noted as being completed or not.

Quiz schedule

Quizzes are in-person only.

Dates: TBD

Project schedule

Due date: TBD, but due either the reading week or the exam week.