Kickoff

November 20, 2024

Shiny

▶ Sol asked "can we use `if else` for conditional UI?"
  ▶ Answer: I haven't been able to find anything that can do this. So instead of "if A then X else Y", need "if A then X; if not A then Y". I am not sure why shiny is set up like this.

▶ Shuping asked "what's the difference between render table and render data_frame?"
  ▶ Answer from render table documentations: "Consider using data_frame instead of this renderer, as it provides high performance virtual scrolling, built-in filtering and sorting, and a better default appearance. This renderer may still be helpful if you use pandas styling features that are not currently supported by data_frame."

PS6

▶ The problem set requests Altair and we prefer Altair

▶ However, at least one student has found that Altair isn't playing nicely with Shiny. If you are one of these students, we give full credit to someone who does PS6 in matplotlib.

Final Project

▶ A student asked what we are looking for in terms of research design and if correlations are OK.

▶ We don't care at all about research design or causality in the sense that they can easily get 100% with only looking at correlations. However, writeup should be clear about the limitations of the exhibits (e.g. reasons why the correlation they show might not warrant a causal conclusion).

Course Feedback

▶ Please do the course evaluations. We read them carefully.

▶ Live lunch Tue Dec 17 12:30PM with food from Plein Air. Sign up **here**

Already-planned changes

We already have gotten a lot of feedback, which is great! Some fixes that are already in flight include:

▶ providing an optional ''dap1 refresher'' assignment before the quarter begins

▶ harmonizing software between dap1 and dap2

▶ installing all the packages for the whole course and providing additional support in week1

▶ adding office hours every week after lab

▶ moving git earlier

It is of course helpful to reiterate these points but even more helpful to make new points beyond these.

Shiny 330PM Thu section

▶ "Can we use FALSE in Python?"
  ▶ Answer: No. shiny_3 lecture had a typo (we converted from an R lecture last year). Slides should have said False. We apologize for the error.