**What to do this week:**

* Watch the Week 2 lectures prior to the start of the synchronous session on Thursday, September 9th at 6pm ET.
  + [Week 2 - 1 Overview: Transforming and Cleaning Data (5:00)](https://canvas.upenn.edu/courses/1599836/pages/week-2-1-overview-transforming-and-cleaning-data-5-00)
  + [Week 2 - 2 Filter: Select Observations by Their Values (6:39)](https://canvas.upenn.edu/courses/1599836/pages/week-2-2-filter-select-observations-by-their-values-6-39)
  + [Week 2 - 3 Arrange: Reordering Your Dataset (2:19)](https://canvas.upenn.edu/courses/1599836/pages/week-2-3-arrange-reordering-your-dataset-2-19)
  + [Week 2 - 4 Select: Choose Subsets of Variables (6:22)](https://canvas.upenn.edu/courses/1599836/pages/week-2-4-select-choose-subsets-of-variables-6-22)
  + [Week 2 - 5 Mutate: Create Functions of Variables (6:35)](https://canvas.upenn.edu/courses/1599836/pages/week-2-5-mutate-create-functions-of-variables-6-35)
  + [Week 2 - 6 Summarise: Create Useful Summaries of Data (2:26)](https://canvas.upenn.edu/courses/1599836/pages/week-2-6-summarise-create-useful-summaries-of-data-2-26)
  + [Week 2 - 7 Using the Pipe (6:38)](https://canvas.upenn.edu/courses/1599836/pages/week-2-7-using-the-pipe-6-38)
  + [Week 2 - 8 Exploring Missing Data (5:27)](https://canvas.upenn.edu/courses/1599836/pages/week-2-8-exploring-missing-data-5-27)
  + [Week 2 - 9 Combining These Functions Together (9:35)](https://canvas.upenn.edu/courses/1599836/pages/week-2-9-combining-these-functions-together-9-35)
* Download the following files from the [Week 2 folder](https://canvas.upenn.edu/courses/1599836/files):
  + Cleaning Data handout: refer to it while watching the lecture. Be sure to read through the entire handout thoroughly prior to the synchronous session on Thursday, 9/9
  + Module 2 R file, which includes much of the code referenced in the videos along with helpful explanations along the way
* [Attend Synchronous Session (Thursday 6-7pm, information on accessing session here)](https://canvas.upenn.edu/courses/1599836/pages/synchronous-session-and-office-hours-information)
  + If you can't attend, please do the self-assessment [here](https://canvas.upenn.edu/courses/1599836/files/98936031/download?wrap=1)[Download here](https://canvas.upenn.edu/courses/1599836/files/98936031/download?download_frd=1), and post two questions about the substance of the material to Piazza for the benefit of your classmates.

**Homework:**

* Read textbook, chapter 5 before beginning the homework
* After watching the lecture and reading thoroughly through the handout and textbook reading, complete [Homework Assignment #2](https://canvas.upenn.edu/courses/1599836/assignments/9122686) (due Monday September 13th at 11:59pm)
* [Need help with the course site? Start here.](https://canvas.upenn.edu/courses/1599836/pages/course-technology-guide)