HW 00: Getting Started

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Submission Instructions

- Upload your flowchart as a PDF to our shared Google Drive folder `HW00: Data Prep flowchart`.
- This file must be named "hw00_dataprep_userid" where `userid` is your chico state user id, (i.e. the first part of your email.)

Preparing class materials

1. Join our Slack workspace. You will be emailed a link to your @mail.csuchico.edu email address.

   - Download the Desktop app. You are not allowed to rely on remembering to login using the web version. The Slack phone app is technically optional, but really really helpful/handy. Students historically have stated it's much easier to work with.
   - Post an introduction in the `#introductions` channel. Tell us a little about you! Year, major, hometown, any extracurricular activities, what do you hope to get out of this class, how will you ensure your success in this class. Oh.. and of course any mention of pets should include a photo!

2. Join our class Google Drive. You will be added to this manually using your @mail.csuchico.edu email address.

   - Star this folder to make it easier to find.

3. Create an electronic Learning Journal (LJ). This could be a Google Document, or a document in Dropbox or Box.

   - PM the URL link to Dr. D in Slack. If you are using Google Docs make sure the permissions on the document are set to *anyone with the link can view*

4. Update your R (3.5+) and R Studio (latest).

5. Project Overview: If you have your own data or topic that you would like to research this semester, you will have this chance. Review the Projects page on the class website to see what is expected.

6. Fill out this form to help me figure out when to hold Office Hours. https://forms.gle/pXvCs3D1SjQoJRgt9

Preparing Data for Analysis

Read PMA6 Chapter 3 before Friday.

Preparing yourself to Learn

Write your first LJ Entry: What is self-regulated learning? What is the benefit to you? Find a good diagram that you think captures this idea and draw it in your LJ.

Data Preparation Flowchart

In class you will work with a partner to create a flowchart / reference sheet for the process of preparing data for analysis. E.g.: If you were handed a data set, what are the first things you need to do?

Work up a draft with your partner, then snap a picture.

Later, outside of class, transfer your diagram into an electronic program. There are many different mind mapping / flowchart software programs out there, e.g. Lucid chart is available in Google Drive, but you can also insert images into a normal word document.

This assignment will be subject to Peer Review, but no draft/revision cycle.

You are welcome (encouraged) to work on this flowchart after the official due date. Especially after you view other's submissions. Very likely they included something that you didn't think of! The intent is to create something useful for yourself.