All surveys for this project will be conducted in Canvas as an ungraded survey. The survey will be anonymous. Before the student begins the pre-course survey, the recruitment script that is in the **recruitement\_script.docx** file that was submitted as part of this project’s IRB application will be displayed to the student before the student begins the survey.

The survey questions found below will be in the *Module 6 DataCamp survey link* under **Module 6 Data Manipulation with dplyr**. Student responses to the survey will be requested by Sunday February 28, 2021.

In Modules 5 and 6, you have been introduced to the basic concepts of the tidyverse and data manipulation using the dyplr() function. You have completed two DataCamp courses to assist you in mastering this material; **Introduction to Tidyverse** and **Data Manipulation with dplyr**. Please take a few moments and provide your responses to the questions below.

1. Please rate your agreement or disagreement with the following statement. “At times when I thought I had mastered the coding tasks in DataCamp, I was surprised at how long it took me to figure out the coding task in RStudio for the class exercises related to filtering, grouping, sorting, summarizing, and visualizing a data set.”

Strongly Agree  Agree  Neutral  Disagree  Strongly Disagree

1. If you answered ‘Strongly Agree’ or ‘Agree’ to question #1, please provide your reason(s) as to why you think you were surprised at how long it took you to complete the class exercises in RStudio.
2. Please rate your agreement or disagreement with the following statement. “I found it difficult to transfer the coding concepts that I learned in the DataCamp course to completing the class exercises in RStudio.”

Strongly Agree  Agree  Neutral  Disagree  Strongly Disagree

1. If you answered ‘Strongly Agree’ or ‘Agree’ to question #3, please provide your reason(s) as to why you think it was difficult to complete the class exercises in RStudio once you completed the DataCamp course.
2. The DataCamp courses are motivating me to learn data wrangling concepts.

Strongly Agree  Agree  Neutral  Disagree  Strongly Disagree

1. The DataCamp courses are an engaging way to learn about data wrangling concepts.

Strongly Agree  Agree  Neutral  Disagree  Strongly Disagree

1. The DataCamp courses are challenging me intellectually.

Strongly Agree  Agree  Neutral  Disagree  Strongly Disagree

1. Datacamp is helping me learn data wrangling concepts.

Strongly Agree  Agree  Neutral  Disagree  Strongly Disagree

1. I am looking forward to continuing with the DataCamp courses for the rest of the semester.

Strongly Agree  Agree  Neutral  Disagree  Strongly Disagree

1. I prefer solving coding tasks in DataCamp compared to the class exercises using RStudio?

Strongly Agree  Agree  Neutral  Disagree  Strongly Disagree

1. What do you like most about using DataCamp?
2. What do you like the least about using DataCamp?
3. What have you learned the most from DataCamp?