

In-class Coding Exercises

Module 4

Start exploring your final project data! With your mid-term reviewer or your group member, discuss your final project data and the 10 specific questions you wanted to ask of your data (if you have listed some questions on your mid-term, that counts. Develop more if don't have 10 to start with). Discuss what kind of transformations would best answer these questions.

1. Start transforming your data to gain new insights. Based on what you learned this week, some questions you may want to ask are:
 - What features could you filter on?
 - How could arranging your data in different ways help?
 - Can you reduce your data by selecting only certain variables?
 - Could creating new variables add new insights?
 - Could summary statistics at different categorical levels tell you more?
 - How can you incorporate the pipe (%>%) operator to make your code more efficient?
2. Does your final project leverage more than one data set?
 - If so, start joining your data sets with the skills you learned.
 - If not, try to identify another data set that you can join to your final project data to make it even more interesting.
3. You just need to submit your questions and plans to me via slack by the end of today. It may not be complete but it could serves as a check-point of your final project.