
Lecture 10: Tidy Data

In-Class Activities

Answer the following questions in an RMarkdown document and discuss it with the people around you (no need to write the problem down, just give it a header (## Problem 1, etc.):

1. “Tidy” up the dataset called `mount_dorms` in the `MSMU` library. Some questions you should answer:
 - (a) How many people are in each dorm building?
 - (b) How many people are in each year classification?
 - (c) How many people are each gender?
 - (d) Can you output the vector back but with the “m” and “f” changed to “male” and “female”
2. Look at the `population` dataset in the “tidyr” library. Make this dataset “tidy” . Some questions you should answer:
 - (a) Determine the percent population growth for each country from 1995 to 2013.
 - (b) Which country had the highest percent growth?
 - (c) Did any countries have negative population growth?
 - (d) Which countries had the highest absolute growth?
3. Look at the `world_bank_pop` dataset in the “tidyr” library. Make this dataset “tidy” . Some questions you should answer:
 - (a) Which country (and year) had the largest urban population growth? What about the smallest?
 - (b) Display the dataset for the tibble that you think stores the data the best