Getting through the first week

This week we will cover the tidyr package. There will be reading in your book, videos to walk you through the material and the knitted .Rmd file. You will produce a .Rmd file (and the knitted version) containing solutions to all the exercises. It is fine (but not required) if you want to also put in the examples I work out so you have everything in one place.

Knit your document frequently to be sure there are no errors.

I suggest you break the work into manageable parts and do the work in pieces. Each work session, you should:

1. Read [https://r4ds.had.co.nz/tidy-data.html sections](https://r4ds.had.co.nz/tidy-data.html%20sections%2012.1) appropriate sections
2. watch the next video while reading the corresponding part of knitted lecture document and trying things out as I talk about them (videos are all at <https://tinyurl.com/JaneWall> and posted on Blackboard
3. work exercises in that part of the document (knitting frequently)

This week’s work is broken into the following parts

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | Book sections | Video | Exercises |
| Into to Tidy Data | 12.1 and 12.2 | <https://youtu.be/tuFl67HTY5I> | 1 |
| Pivoting | 12.3 | <https://youtu.be/lzD60vZtcgA> | 2 - 6 |
| Separate and Unite | 12.4 | <https://youtu.be/XOP7ZxQCwl8> | 7 - 8 |
| Missing Values | 12.5 | <https://youtu.be/BQ9RLr61xrw> | 9 |
| Names\_pattern | 12.6 | <https://youtu.be/jkw54W1-MgI> | 10 - 11 |
| Multiple obs per row & Hand specification |  | <https://youtu.be/WKfv0ldQBLY> | 12 - 13 |

Come to office hours with me or our TA using Blackboard collaborate for discussion or questions or help debugging.