[START ON WORDPRESS HOMEPAGE]

These tutorials are designed to serve as an introduction to data management and data analysis in R and are targeted primarily at graduate students in social science fields.

The complete sequence of data management tutorials does not assume that the user has any background with R or programming. Users with previous experience may want to skip around.

The data analysis tutorials primarily focus on implementation and presentation of the analysis in R, rather than statistical concepts that underlie the analysis.

Each tutorial consists of a brief video, a demonstration script, and a text transcript of the spoken component of the video.

All demonstration scripts use the [2019 release of the Adult Interview of the National Health Interview Survey](https://www.cdc.gov/nchs/nhis/2019nhis.htm), which can be accessed at the link here.

[CLICK LINK]

[HIGHLIGHT **CSV data file zip icon[ZIP – 3.4 MB]** under **Sample Adult Interview**]

A compressed csv of the dataset can be downloaded here.

[BACK TO WORDPRESS HOMEPAGE]

The materials for each module can be accessed by clicking the menu options to the left of the screen (or top of the screen on mobile)

[CLICK MENU OPTION **(A1) R Programming Basics** ]

Each tutorial page includes learning objectives, a video that describes the content of the demonstration script, and a link to a GitHub page where the demonstration script and text transcript for the video can be downloaded.

[CLICK GITHUB LINK, highlight download links]

Feel free to adapt any of the demonstration scripts for your own analyses if they are helpful as a starting point.

[BACK TO WORDPRESS HOMEPAGE]

If you are new to R, it is recommended that you start with tutorials A1, A2, and B1. Beyond this, the tutorials can be completed in any order. Tutorials A3 and B4 cover more advanced topics and can be treated as optional. If you have some experience with R, skipping around to specific topics may be more efficient.

After completing these tutorials, it is anticipated that users will be comfortable navigating and interacting with the R Studio interface, manipulating data using [Base R](https://www.rstudio.com/wp-content/uploads/2016/05/base-r.pdf), and setting up a few basic statistical analyses.