***Module overview***

In this module, you will learn to **import** data stored in various file formats into R for data management and analysis, you will learn to store R data frames in a more permanent way so that you can come back later to modify or analyze them, and you will learn to **export** data so that you may efficiently share it with others.

***Module topics***

* Finding and reading file paths
* Importing space-delimited files
* Importing tab-delimited files
* Importing fixed-width format files
* Importing comma-separated values files
* Importing Microsoft Excel spreadsheets
* Importing SAS, Stata, and SPSS data sets
* Using RStudio's data import tool
* Exporting plain text files
* Exporting .Rds files

***Required Readings***

Please complete the following readings **by the end of the week (Sunday)**

1. Cannell B. *R for Epidemiology*. 2020.<https://www.r4epi.com/>.
   1. Chapter 12: Introduction to data transfer
   2. Chapter 13: File paths
   3. Chapter 14: Importing plain text files
   4. Chapter 15: Importing binary files
   5. Chapter 16: RStudio’s data import tool
   6. Chapter 17: Exporting data

***Assignments***

Please complete the following assignments on Canvas.

1. Check on learning quiz
2. Lab
3. Module quiz