# R Learners Meeting Notes

## November 29, 2018

## 2:00 – 3:00 PM

## Conference Room 1101

Forum discussion of R basics

Meeting Facilitators: Ryan Shojinaga

Call in/Conference: Ph - 877-848-7030; Access – 898168; URL - [www.connectmeeting.att.com](http://www.connectmeeting.att.com)

1. RLearner GitHub site
   1. <https://github.com/shojiwan/RLearners>
   2. Create a GitHub account and send the link to me
   3. <https://github.com/shojiwan>
2. Accessing R
   1. R v3.5.1 - [www.r-project.org](http://www.r-project.org) – “R is a programming language and free software environment for statistical computing and graphics supported by the R Foundation for statistical computing.” – The Wikipedia
   2. RStudio - www.rstudio.comR – “RStudio is a free and open-source integrated development environment (IDE) for R, a programming language for statistical computing and graphics” – The Wikipedia
   3. Using RStudio
3. Packages
   1. Installing packages
   2. Loading and using functions
4. Importing data
   1. Reading data from files
   2. Reading data from URLs

Some commonly used packages:

* General: tidyverse
* Graphing: ggplot2, scales, gridarrange
* Data manipulation: reshape2, dplyr
* Time series: lubridate, zoo, imputeTS, tseries
* GIS: raster, rgdal, shapefiles
* Other: shiny,