Intro to R Tutorial Resource Guide

Bio on Instructor

Jasmine has been working as a Senior Analyst at Expedia Group for 17 months and before that worked at Stack Overflow and DAZN. She is also a Data Analytics instructor for General Assembly so has a lot of passion for teaching and sharing knowledge. R is definitely her favourite language as she thinks it's very easy for beginners to pick up and loves the R community who she finds very supportive and friendly. She publishes personal projects in both R and Python that can be found at @StackJaz on Twitter and https://jazpeng.github.io/.

Learning outcomes
- Attendees will observe the basics of RStudio and the tidyverse.
- Attendees will practice importing csv data into RStudio.
- Attendees will practice installing and loading packages in R.
- Attendees will manipulate data with dplyr and observe the grammar of data manipulation.
- Attendees will practice plotting data with ggplot2 and observe the grammar of data manipulation.
- Attendees will communicate findings using RMarkdown.

Pre-requisites
- Download latest version of R for Windows or Mac.
- Download RStudio Desktop (free Open Source License) here.
- Download slide deck, csv files and rmd file and save everything into a folder (Important: the csvs and .Rmd file *must* be saved in the same folder for the prewritten code to work).
- Previous data analytics or programming experience will be useful but not essential.

Resources
- dplyr cheat sheet
- ggplot2 cheat sheet
- rmarkdown cheat sheet
- Resource for grammar of data manipulation
- Resource for grammar of graphics –
- Keyboard shortcuts