

R Resources

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Dipping your toes

When learning something new a bit of hand-holding can go a long way. For example, when I get to a new city with an unfamiliar bus or train system, I will often avoid using that mode of transportation until I've gone on it at least once with a local, just to see how it works - do you pay on the train or before your board? Is change provided? Do you tap in *and* out or just in or just out? Typically all I need is one guided trip.

If this resonates at all with you, here are two particularly good resources to show you the ropes:

- **Swirl Stats** (link) gets you started with R *within* R. The lessons are quick to get through and will help flatten the learning curve
- **Markdown Tutorial** (link) does something similar to teach you Markdown. This isn't R per se, but within 10 minutes you'll learn the basics of Markdown syntax which can then be used together with R to create clean, reproducible documents.

Programming & Statistics

- ***Discovering Statistics Using R*** (link) by Andy Field, Jeremy Miles, and Zoe Field has been my go-to book since I started using R in 2014 and I continue to refer back to it to this day both for basic. One downside is that some of the packages are a bit outdated.
- ***R for Data Science*** (link) by Garrett Grolemund and Hadley Wickham is worth reading basically end-to-end for anyone using R for data analysis. This book goes through the basics of importing, cleaning, transforming, and visualizing data.

Data Visualization

- ***R Graphics Cookbook, 2nd Edition*** (link) by Winston Chang
- **ggplot2 reference** (<https://ggplot2.tidyverse.org/reference/>)

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File Management and Sharing

- *Happy Git and Github for the user*[R](#) (link)