

R Without Statistics

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About the Book

This is the in-progress version of *R Without Statistics*, a forthcoming book from No Starch Press.

Since R was invented in 1993, it has become a widely used programming language for statistical analysis. From academia to the tech world and beyond, R is used for a wide range of statistical analysis.

R's ubiquity in the world of statistics leads many to assume that it is only useful to those who do complex statistical work. But as R has grown in popularity, the number of ways it can be used has grown as well. Today, R is used for:

- Data visualization
- Map making
- Sharing results through reports, slides, and websites
- Automating processes
- And much more!

The idea that R is only for statistical analysis is outdated and inaccurate. But, without a single book that demonstrates the power of R for non-statistical purposes, this perception persists.

Enter R Without Statistics.

R Without Statistics will show ways that R can be used beyond complex statistical analysis. Readers will learn about a range of uses for R, many of which they have likely never even considered.

Each chapter will, using a consistent format, cover one novel way of using R.

1. Readers will first be introduced to an R user who has done something novel and learn how using R in this way transformed their work.
2. Following this, there will be code samples that demonstrate exactly how the R user did the thing they are being profiled for.

3. Finally, there will be a summary, with lessons learned from this novel way of using R.

Written by David Keyes, Founder and CEO of R for the Rest of Us, R Without Statistics will be published by No Starch Press.

Introduction

Why R Without Statistics?

Illuminate

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Develop a Custom Theme to Keep Your Data Viz Consistent

R is a Full-Fledged Map-Making Tool

Make Tables That Look Good and Share Results Effectively

Communicate

Use RMarkdown to
Communicate Accurately
and Efficiently

Use RMarkdown to Instantly Generate Hundreds of Reports

<https://urban-institute.medium.com/using-r-markdown-to-track-and-publish-state-data-d1291bfa1ec0>

Create Beautiful Presentations with RMarkdown

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Stop Copying and Pasting Code by Creating Your Own Functions

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Conclusion

**Come for the Data, Stay for
the Community**