



Advanced R
Markdown



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1. **parameterized R Markdown** for creating many variants from a template
2. **distill** and **bookdown** for documentation, technical writing, and other longform writing
3. **blastula** for great looking email organized and sent via R Markdown

Parameterized R Markdown

- Create many variants from a single report template
- Allows customization without complexity of interactive app (Shiny or Dash)
- Can be scaled massively if needed
- Integrates nicely with RStudio Connect for self-service report scheduling and email

Resources:

- [Chapter 15 of R Markdown: The Definitive Guide](#)
- [Workflow examples from R Markdown Cookbook](#)

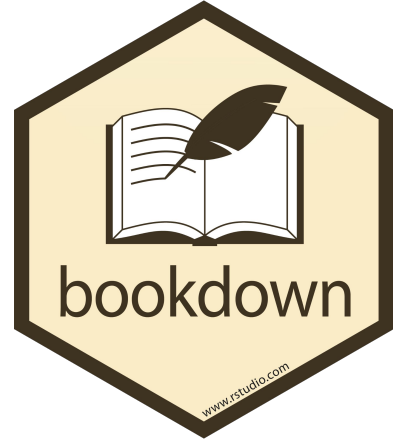
Distill for article writing

- The [distill](https://distill.pub/) package is a publishing format optimized for scientific and technical writing
- Based on the Distill publishing framework for machine learning journals: <https://distill.pub/>
- Can be used for single articles, websites, and blogs



Bookdown for authoring books/docs

- Author entire books or other documentation and technical writing
- Each Chapter is one .Rmd file, then built into book format
- Learn more - [bookdown: Authoring Books and Technical Documents with R Markdown](#)



Blastula for sending email with R Markdown



- The [blastula](#) package makes it easy to build and send rich-formatted HTML email messages
- Include plots, attachments, customize subject, and more
- Format entire email via R Markdown
- Integrates with RStudio Connect