How I use R Markdown to write research papers

I joined a writing group at UMKC and am making very good progress on a couple of research papers. The group meets once a week to talk about everyone’s progress and to share ideas. One interesting suggestion was the use of [Notion](https://www.notion.so/), software that organizes all your myriad writing tasks (actually tasks in general). I shared how I use R Markdown for writing and promised that I’d provide some resources about it before the next meeting.

R Markdown is an implementation of [Markdown](https://commonmark.org/help/) inside the R programming language. R Markdown also leverages features in [LaTex](https://www.latex-project.org/), [MathJax](https://www.mathjax.org/), and [Pandoc](https://pandoc.org/).

If you use the [RStudio integrated development environment](https://rstudio.com/) to run R, then you already have many of the features of R built-in. There are several R packages that use or extend R Markdown:

* [bookdown](https://bookdown.org/)
* [blogdown](https://alison.rbind.io/post/2017-06-12-up-and-running-with-blogdown/)
* [knitr](https://yihui.org/knitr/)
* [rmarkdown](https://cran.r-project.org/web/packages/rmarkdown/index.html)