

# R Markdown Resources

Cristian Huse

## Overview

R Markdown is a part of RStudio which allows integrating text editor and code (e.g., R, Python). It has a number of nice features, such as the fact that it is dynamic (i.e., changing the code will change the document with a click); the fact that the file can be saved in different formats (pdf, doc, html etc); the fact that you can generate slides or A4 documents by changing a few lines of code.

Pragmatically, from the perspective of a student who is writing a project, report or thesis, it frees you from the need to copy and paste tables and plots into your text editor and update them every time something changes.

## Basic Resources

Here follow some pointers to resources on R Markdown.

### German

There are two introductory videos on Florian Heiß's channel that some of you might find useful:

<https://youtu.be/F-6iU1EHoc0>

<https://youtu.be/K7H1YqeAPzs>

The whole playlist on R basics is available here:

<https://www.youtube.com/watch?v=xJudqoGg6Ko&list=PLV0KtPjp4poWkwg73O5ykfWu2mPviYnCq>

### English

There are thousands of introductory videos in English. For instance:

<https://www.youtube.com/watch?v=K418swtFnik>

<https://www.youtube.com/watch?v=tKUufzpoHDE>

(I see them as complementary.)

## Not-so-basic Resources

Some more advanced topics:

[https://rmarkdown.rstudio.com/articles\\_integration.html](https://rmarkdown.rstudio.com/articles_integration.html)

<https://www.rstudio.com/blog/r-markdown-tips-tricks-1-rstudio-ide/>

<https://www.rstudio.com/blog/r-markdown-tips-tricks-2-cleaning-up-your-code/>

<https://www.rstudio.com/blog/r-markdown-tips-and-tricks-3-time-savers/>

<https://www.youtube.com/watch?v=qLEkUjxk7e8>

## A Researcher's Perspective

A researcher showing how he uses R Markdown for “everything”

[https://www.youtube.com/watch?v=\\_D-ux3MqGug](https://www.youtube.com/watch?v=_D-ux3MqGug) (starting from about 5:30)