

R you ready?

**Intro to RStudio and R Markdown
for open data and reproducibility**

Unit 9:

**You don't just knit with needles:
Knitting in R Markdown**

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**"I JUST WANT TO GO
HOME AND KNIT."**

Knit options

HTML document

Word document

PDF (LaTeX needed OR TinyTex R package)

```
1 ---
2 title: "Untitled"
3 author: "Olivier Gimenez"
4 date: "10/24/2020"
5 output: html_document
6 ---

8 ```{r setup, include=FALSE}
9 knitr::opts_chunk$set(echo = TRUE)
10 ```
11
12 ## R Markdown
13
14 This is an R Markdown document. Markdown files are converted to PDF, and MS Word documents. For more information see http://rmarkdown.rstudio.com.
15
16 When you click the Knit button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:
17
18 ```{r cars}
19 summary(cars)
20 ```
21
22 ## Including Plots
23
24 You can also embed plots, for example:
25
26 ```{r pressure, echo=FALSE}
27 plot(pressure)
28 ```
29
30 Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.
31
```

Front matter

metadata section that includes **title, author, and date information as well as options for customizing output**

Chunk

Content

Chunk



Knit options: HTML document

title: "Example HTML document"

author: "Mason A. Wirtz"

output:

html_document:

toc: true

toc_depth: 2

Knit options: Word (docx) document

title: "Example Word document"

author: "Mason A. Wirtz"

output: word_document

To customize a word document output, see:

https://rmarkdown.rstudio.com/articles_docx.html

Knit options: PDF document

title: "Example PDF document"

author: "Mason A. Wirtz"

output: pdf_document

fontsize: 11pt

geometry: margin=1in

LET'S GET OUR HANDS DIRTY



makeameme.org