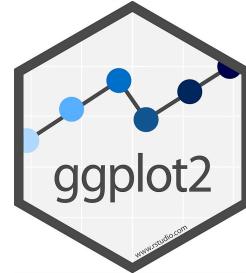


Introduction to

September 2019 UiO
Magnus Nordmo

Plan

Short intro about R



Learning by doing
I show something
You try it



Four Sections:

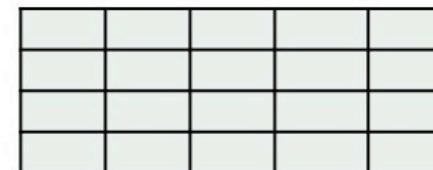
Basic functionality, Functions, Data Wrangling, Data Visualization

Variables	Example
integer	100
numeric	0.05
character	“hello”
logical	TRUE
factor	“Green”

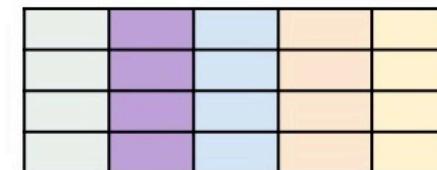
Vector



Matrix



Data frame



Vectors

Atomic vectors

Logical

Numeric

Integer

Double

Character

List

NULL

Need to know

<-	Assignment
=	Assignment inside a function
c()	Add together (concatenate)
" "	For text/string/character vectors
#	Commentary
rm()	Remove an object
\$	Open Column/List
%>%	Pipe ("And-Then")
Package::	Execute a specific function from a specific package
?...	Read info on function/data

Function

Input

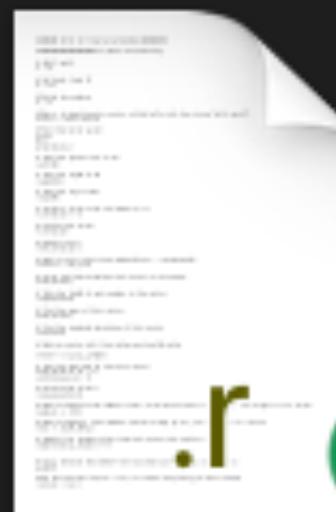
Arguments

```
29 round(1.9456924357346,digits = 2)
30
```

9:1 (Top Level) ↴

Console ~/Desktop/Magnus/R Wizard/ ➔

```
> round(1.9456924357346,digits = 2)
[1] 1.95
> |
```



IntroR.R



IntroR.Rproj



SimulateDiet01.07
.RData

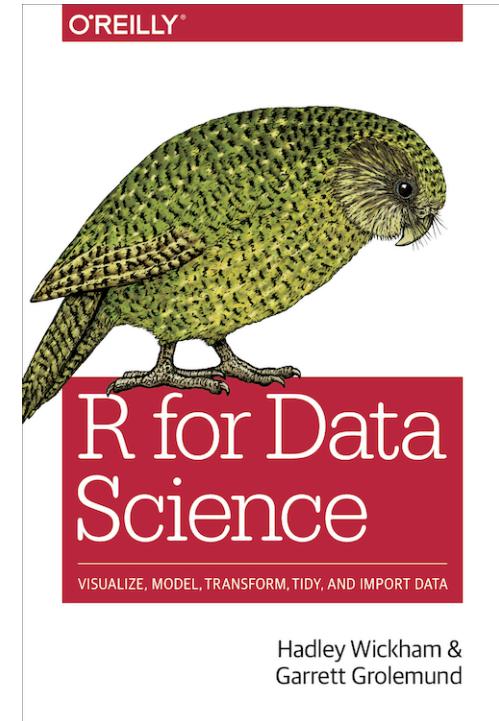


Cheat sheets

<https://www.rstudio.com/resources/cheatsheets/>

Recommended Reading

<https://r4ds.had.co.nz/>



YouTube

RStudio <https://www.youtube.com/channel/UC3xfbCMLCw1Hh4dWop3XtHg/playlists>

Richard Webster https://www.youtube.com/channel/UC5ktyacyv_aPSBmKB7uX5Piw

Datacamp <https://www.youtube.com/channel/UC79Gv3mYp6zKiSwYemEik9A/playlists>

<https://tinyurl.com/UIORSTATS>

