

Nice to meet you!





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- 3rd year CS student
- Programming since I was 14
- Loves pretty graphs



Wouter Stoter

- 2nd year CS student
- 8 years of programming experience
- A PowerPoint lover





wouter.stoter





Planning

```
introduce()
explain() %>%
  example(grades)
students %>%
  group_by(level)
groups[1] %>% Netflix()
groups[2] %>% Covid()
share()
quit()
```





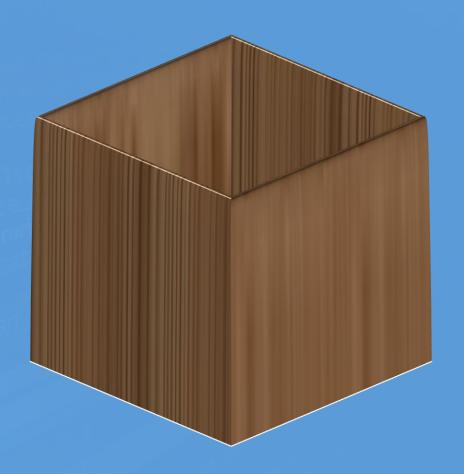


- Programming Language
- Analyse
- Statistical data





Variables









- > grade <- 3
- >





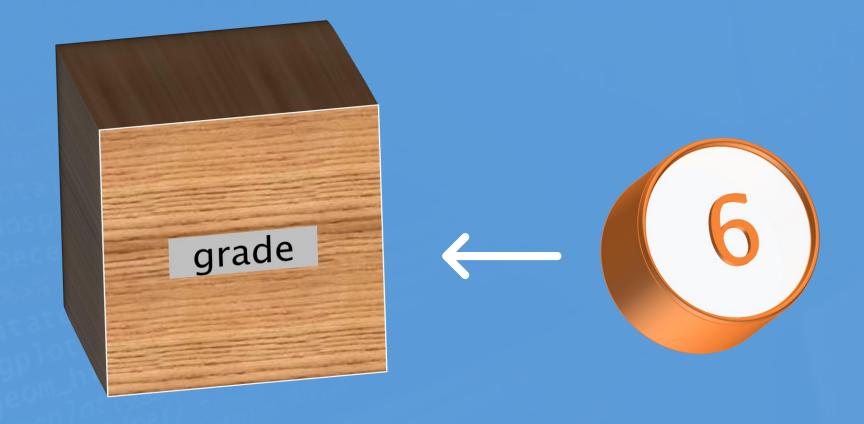


> grade <- 3</pre>

>







- > grade <- 3
 > grade <- 6</pre>







- > grade <- 3
 > grade <- 6</pre>





Data-types





- grade <- 6
 subject <- "research"</pre>





Vectors

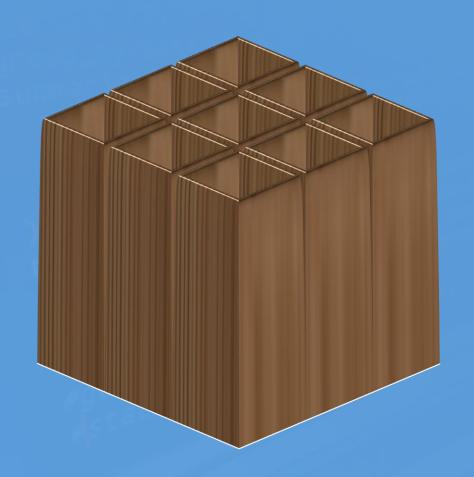


```
> grades <- c(6,3,9)</pre>
```

> grades[2] [1] 3



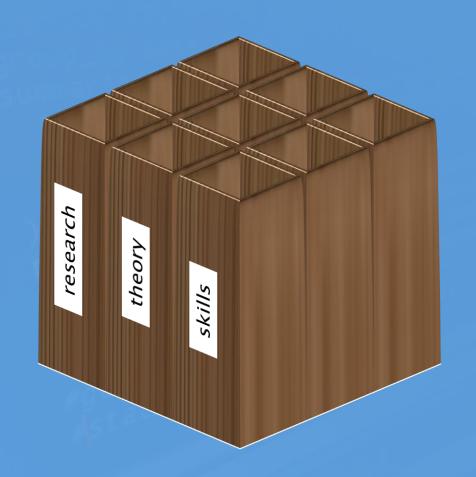
Matrix



```
> grades <- matrix(
    c(1:9),
    nrow = 3,
    ncol = 3
)
> grades[3,2]
6
```

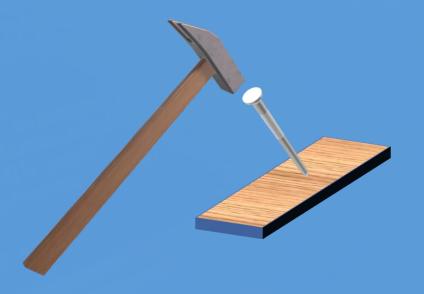


dataframes



```
> grades <- data.frame(
    research = c(6,3,9)
    theory = c(8,5,9)
    skills = c(8,7,7)
)
    grades$skills[2]
    7</pre>
```





> hammer(plank,nail)





> pwn <- plank %>% hammer(nail) %>%
> screwdriver(screw)

R-studio workshop



?read.csv

>



Data Input

Description

Reads a file in table format and creates a data frame from it, with cases corresponding to lines and variables to fields in the file.

Usage

read.csv(file, header = TRUE, sep = ",", quote = "\"", dec = ".", ...)

Arguments

file the name of the file which the

data are to be read from.

header a logical value indicating

whether the file contains the names of the variables as its

first line.

sep the field separator character quote the set of quoting characters.

dec the character used in the file

for decimal points.

Examples



> grades <- read.csv("grades.csv")
 cannot open file 'grades.csv': No
 such file or directory</pre>



1

stackoverflow.com > questions > ho...

How to open CSV file in R when R says "no such file or directory ...

6 Apr 2011 · 15 answers

I have an excel file that I want to open in R. I tried both of these commands after saving the excel file as a csv file or a text file. read.table() ...

⊘ Top answer · 41 votes

To throw out another option, why not set the working directory (preferably via a script) ... More

20 votes

Try f <- file.cho the file interact the name in f.

Error in file(file, "rt"): cannot open the conne... 17 answers · 24 Apr 2018

R: Cannot Open File : No such file or director...

1 answer · 22 May 2017

my computer can't find my csv file in r - Stac... 1 answer · 20 Aug 2017



A S.A. Communiqué educational activity R-studio workshop



- > setwd("C:/users/wouter/downloads")
- > grades <- read.csv("grades.csv")</pre>





```
> setwd("C:/users/wouter/downloads")
> grades <- read_spss("grades.sav")
could not find function "read_spss"</pre>
```





Package



- > install.packages("haven")
- > library(haven)



