

Introduction to



and



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Based on a work at <https://github.com/hadley/data-science-in-tidyverse>

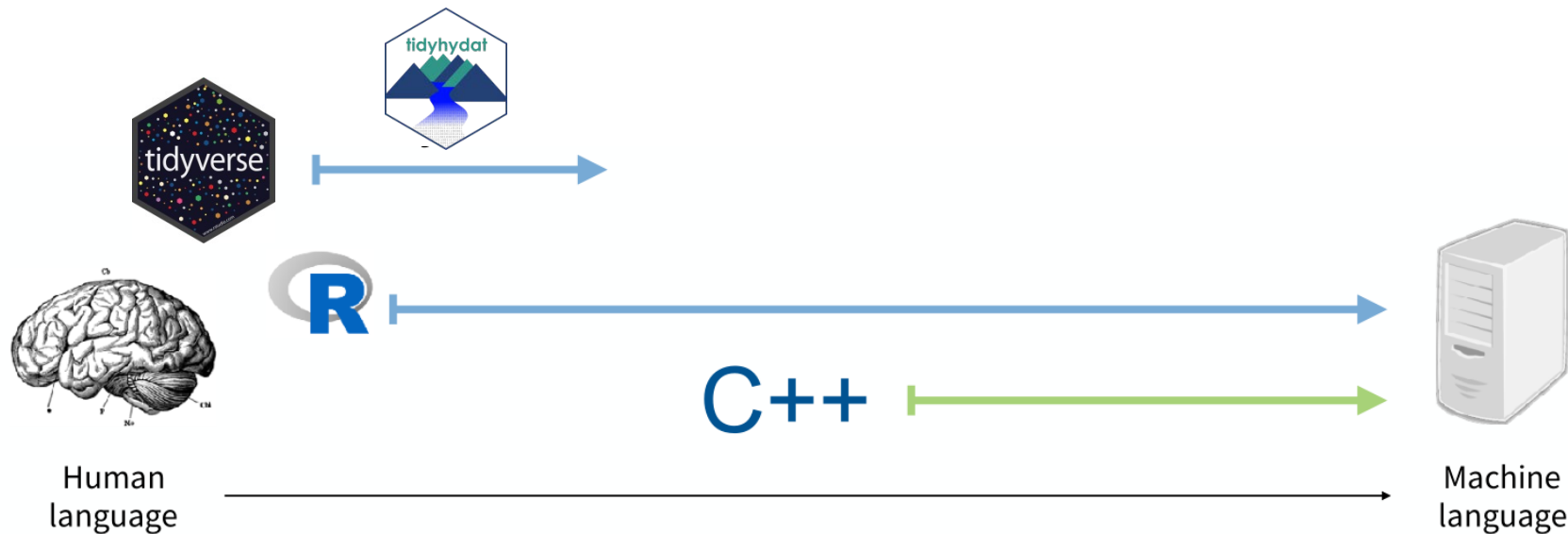
Introduction

Your turn

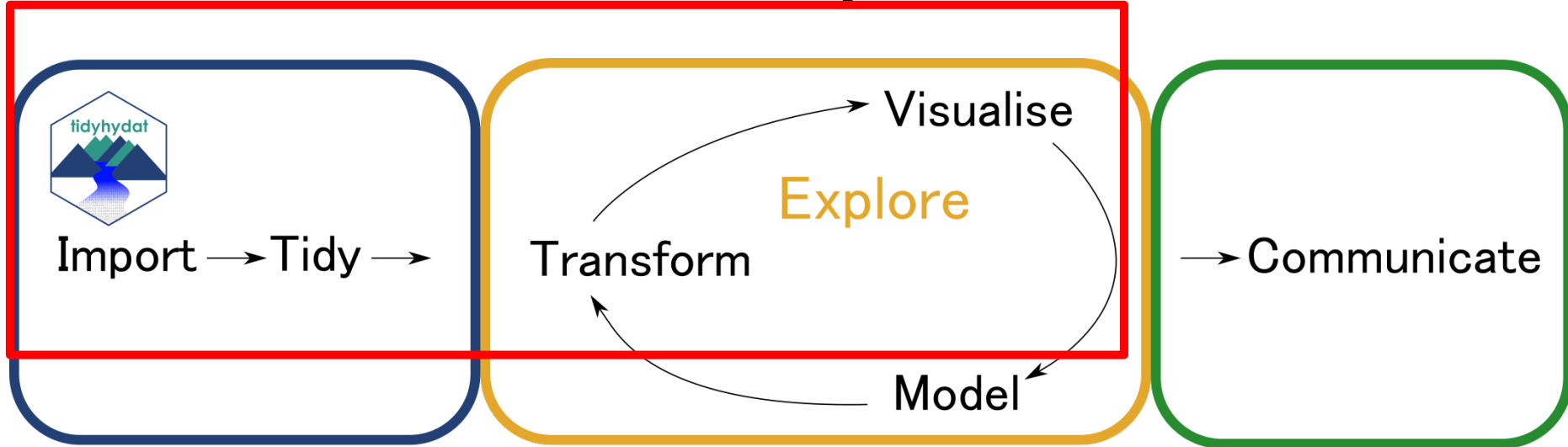
Introduce yourself to your neighbour

- Who are you?
- Why are you here?
- What is your experience with R?

R – A programming language for data



The Data Analysis Process



Adapted from Wickham and Grolemund 2017

Focus less time of coding and more
time on data analysis

Why use R?

- Efficient
- Reproducible
- Scalable





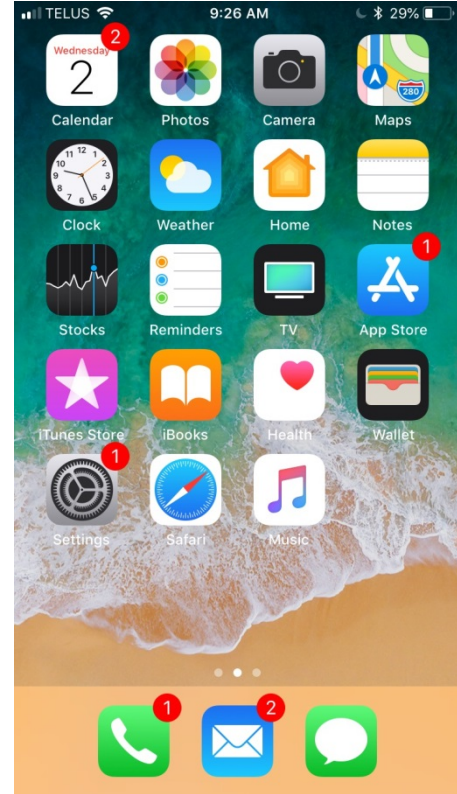
Base R



Packages



RStudio



Anatomy of an R function

```
fraser <- hy_daily_flows(station_number = "08MF005")
```



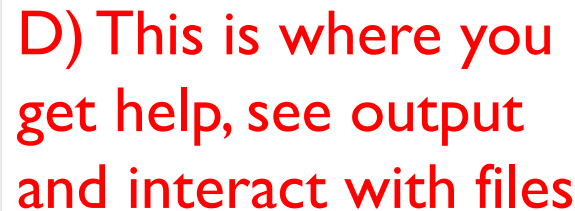
Object

Function

Argument

Value

RStudio

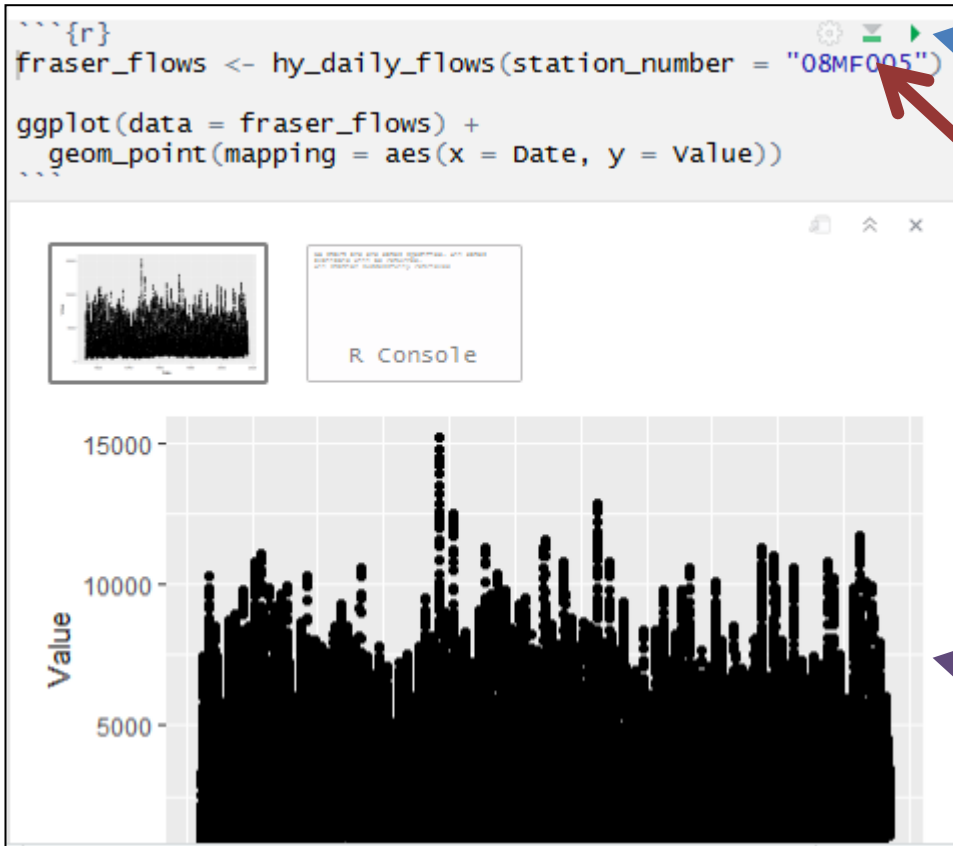


Your turn

- Open the file `intro-to-tidyhydat-and-tidyverse.Rproj`
- Open `00-Getting-started.Rmd` and start doing analysis!

A quick word on Notebooks

- Integrates:
 - Code
 - Text
 - Output



Click to run
code in chunk

Click to run all
code chunks
above

Code output