

Mar 2022	Mar 2021	Change	Programi	ming Language	Ratings	Change
1	3	^	<b>?</b>	Python	14.26%	+3.95%
2	1	•	9	С	13.06%	-2.27%
3	2	<b>~</b>	<u>«</u> ,	Java	11.19%	+0.74%
4	4		0	C++	8.66%	+2.14%
5	5		0	C#	5.92%	+0.95%
6	6		VB	Visual Basic	5.77%	+0.91%
7	7		JS ·	JavaScript	2.09%	-0.03%
8	8		php	PHP	1.92%	-0.15%
9	9		ASM	Assembly language	1.90%	-0.07%
10	10 https://ww	w.tiobe.com/tiobe-index/	SQL	SQL	1.85%	-0.02%
11	13	*	R	R	1.37%	+0.12%
12	14	^	(3)	Delphi/Object Pascal	1.12%	-0.07%
13	11	•	-GO	Go	0.98%	-0.33%

# R is very easy to understand <<

- 1. Human language
- 2. Read Evaluate Print Loop
- 3. Becoming much faster (thanks to good SE practice & developers)

For general audience

4. Has the best IDE



Ross Ihaka



Robert Gentleman



**Hadley Wickham** 

#### R for Data Science

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Program

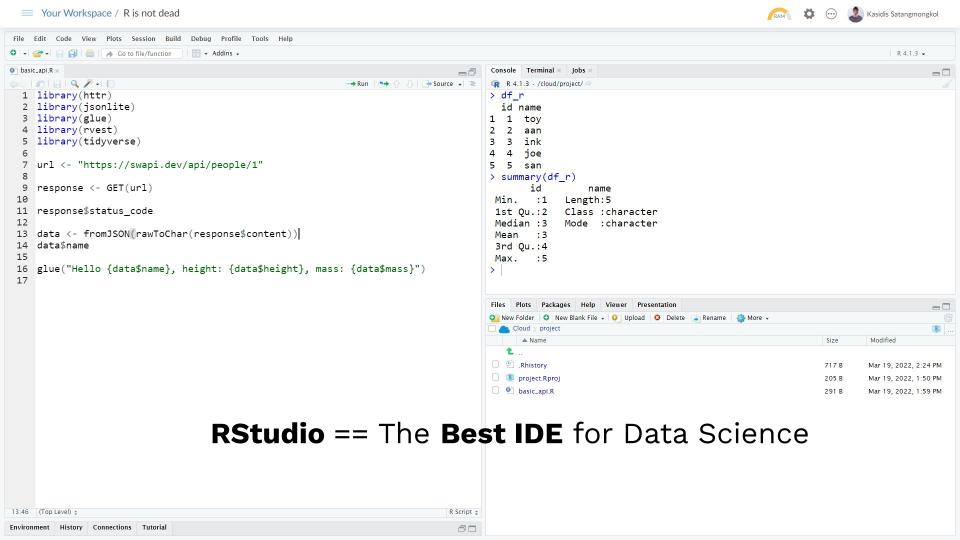
#### Welcome

This is the website for "R for Data Science". This book will teach you how to do data science with R: You'll learn how to get your data into R, get it into the most useful structure, transform it, visualise it and model it. In this book, you will find a practicum of skills for data science. Just as a chemist learns how to clean test tubes and stock a lab, you'll learn how to clean data and draw plots—and many other things besides. These are the skills that allow data science to happen, and here you will find the best practices for doing each of these things with R. You'll learn how to use the grammar of graphics, literate programming, and reproducible research to



save time. You'll also learn how to manage cognitive resources to facilitate discoveries when wrangling, visualising, and exploring data.

This website is (and will always be) **free to use**, and is licensed under the Creative Commons Attribution-NonCommercial-NoDerivs 3.0 License. If you'd like a **physical copy** of the book, you can order it from amazon; it was published by O'Reilly in January 2017. If you'd like to **give back** please make a donation to Kâkāpō Recovery: the kâkāpō (which appears on the cover of R4DS) is a critically endangered native NZ parrot; there are only 213 left.



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About ~

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How we think about learning Chat with us

# Build the data science skills your team needs

RStudio Academy, the most effective way to learn data skills with your team.









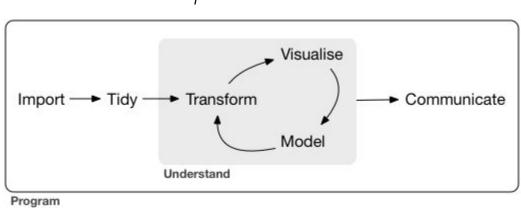


## R is one of **the best** tool available for ...

- 1. Data Transformation
- 2. Data Visualization
- 3. Statistics
- 4. Machine Learning (Traditional)
- 5. Document your work

General Data Science

### Tidyverse Framework





## A quick **R demonstration**

- 1. Tidyverse approach
- 2. Quick data visualization
- 3. API requests
- 4. Python and R can work together
- 5. Build a prototype ML model (FAST!)

Best of both worlds

