

Welcome!

R for Data Science

Basel R Bootcamp



February 2019

Welcome to the Basel R Bootcamp!



from [Wikipedia](#)



www.therbootcamp.com

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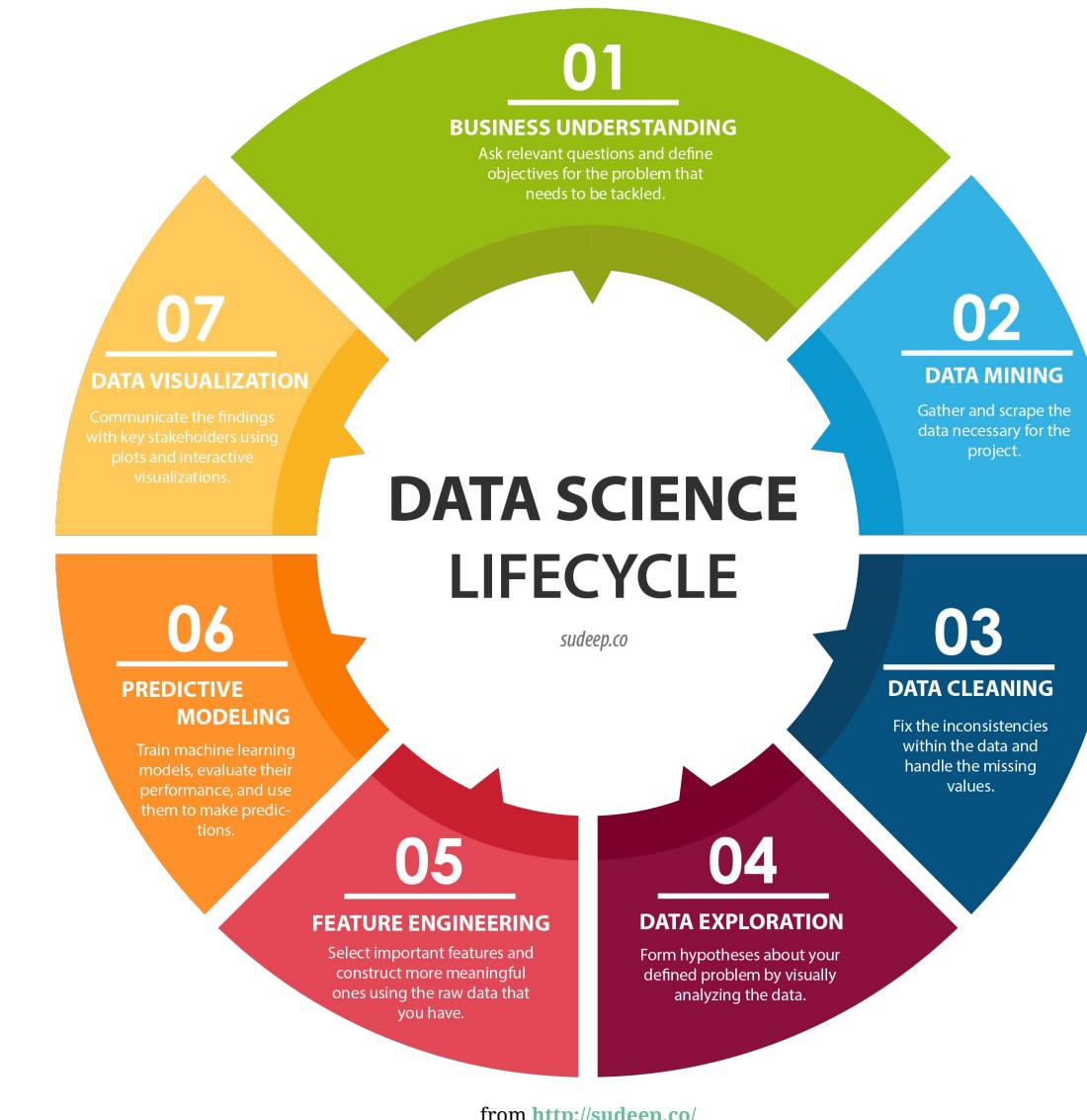
Schedule and Materials

Click the "Bootcamp running" link on our homepage!

www.therbootcamp.com



What is Data Science?



Aim

The aim of this workshop is enable you to thoughtfully and actively use R. You will learn the fundamentals of the R language, as well as cutting-edge packages for wrangling, analyzing, and communicating statistical data.



Schedule

We have an **ambitious schedule!**

2 days, 3 sessions per day, 2 hours per session, on a variety of topics.

Each session contains a slide-based **introduction** and a hands-on **programming practical**

	Sat, 23 Feb	Sun, 24 Feb
0900	Welcome	Recap
0930	Intro to R +Interactive	Analysing +Practical
1200	<i>Lunch</i>	<i>Lunch</i>
1300	Data +Practical	Plotting +Practical
1530	Wrangling +Practical	Case studies +Practical
1630		Next steps
1800	Wrapup	<i>Apero</i>

Introduction

15 - 45 minutes slide based introduction to help you understand the basic concepts, including:

- 1 - Theory
- 2 - Code examples
- 3 - Live demonstrations



from Freepik.com

All available online. Follow along, and don't worry about memorizing

This is a [Link to our materials](#).

Be interactive! Ask questions!



from Freepik.com

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Practicals

Write your own R scripts!

- 1 - Anywhere from 10 ~ 30 programming tasks.
- 2 - Starts easy, gets progressively more challenging
- 3 - Struggle, work together, ask questions and challenge yourself!
- 4 - Go at your own pace and finish as much as you can.
- 5 - We'll give you all the answers later

Data

R for Data Science

🕒 (https://therbootcamp.github.io/R4DS_2019Feb/) ⌂ (https://therbootcamp.github.io/R4DS_2019Feb/)



from methodspace.com (<https://www.methodspace.com>)

Overview Tasks Examples Datasets Functions Resources

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1-1 Coaching

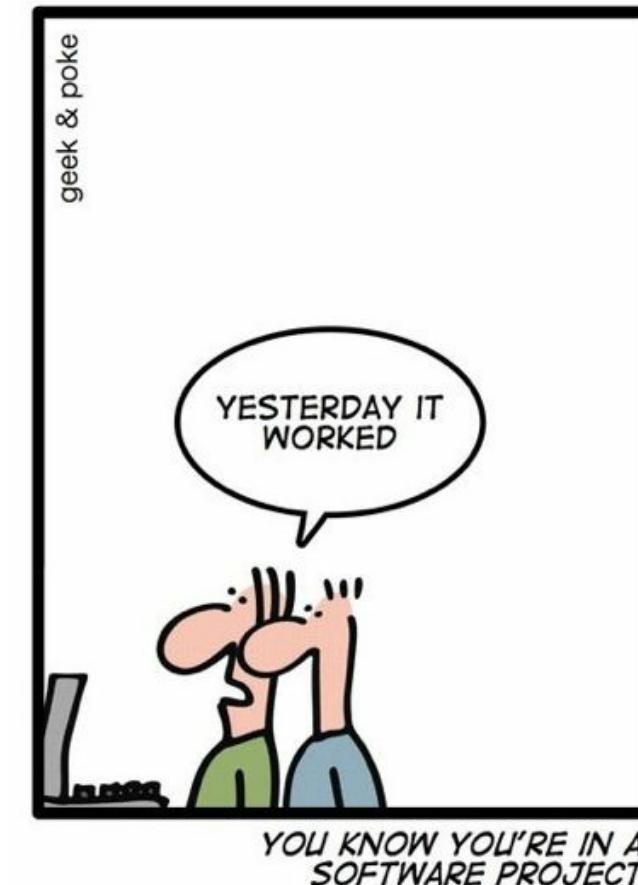
Learning a computer language is **hard**.

Take breaks when you need them, and don't get discouraged!

Sometimes, you may find yourself in need of some **intensive help**. That's ok! We're here to help!

At any time, you can **request a 15 minute 1-1 intensive** coaching session. We'll grab a coffee and work through it together.

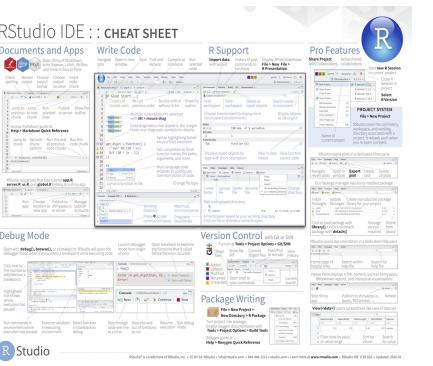
WHEN YOU HEAR THIS:



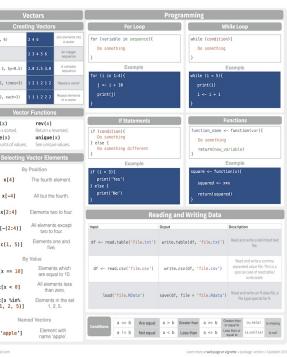
from geek-and-poke.com

Cheatsheets

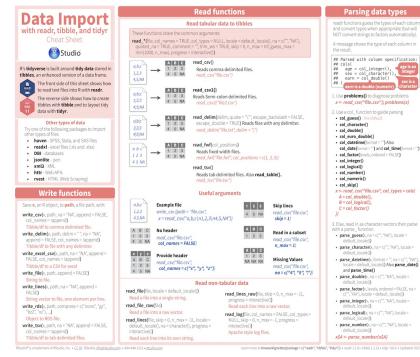
RStudio



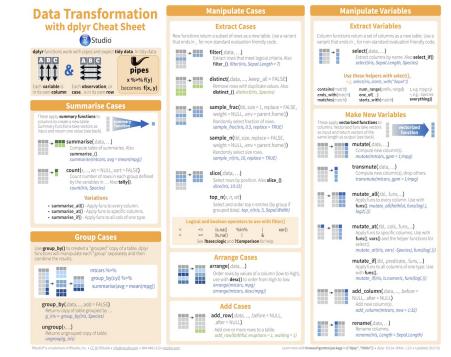
Base R



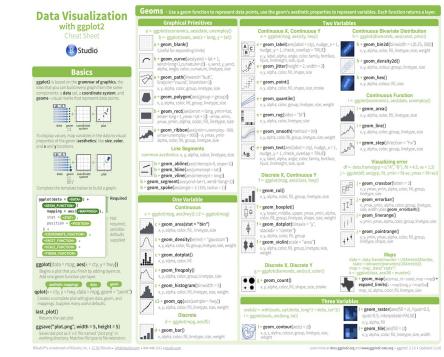
Data Import



Data Wrangling



Data Visualization



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Breaks

- 1 - Feel free to take breaks when you need them!
- 2 - Help yourself to refreshments
- 3 - Lunch on your own or together at Tibits



from [Tibits.ch](#)

Photography

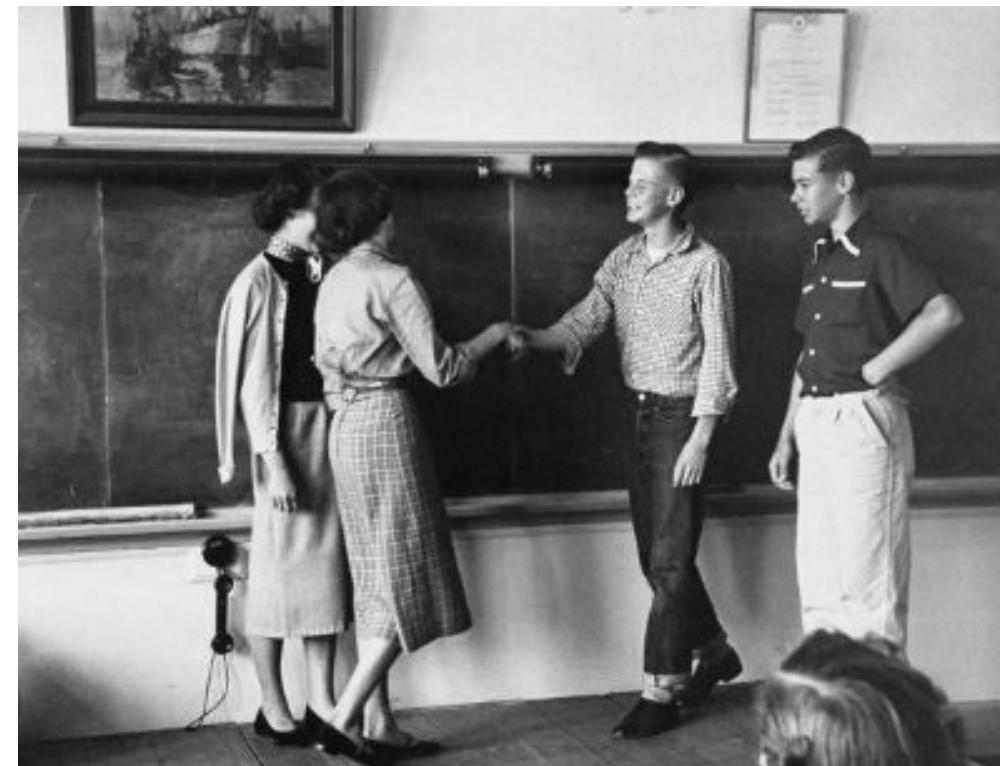


from [businessinsider.com](https://www.businessinsider.com)

Let us know,
personally or via
mail, if you don't
want be
published.

Introductions

1. What is your name?
2. Where are you from?
3. What is your current profession?
4. What is your programming experience?
5. Have you used R in the past?
6. What would you most like to do with R?
7. Coffee or tea?
8. Pizza or pasta?
9. Beer or wine?
10. Berlin or Paris?



from artofmanliness.com

Questions?

[Link to schedule](#)

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