

Clean R code

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Agenda

- Short intro
- Work together through examples
- ~ 30 minute blocks
 - review task together
 - work in pairs
 - discuss together

Clean code

Easy to understand

- meaningful names
- details hidden

Easy to work with

- No duplications
- 1 function does one thing

**Code
block**



**User
logic**

Emarsys

The largest independent marketing platform in the world

- ~ 2000 clients (businesses)
- ~ 2 billion people reached on multiple channels
- Most of R&D (all data science) in Budapest

Data: home locations of our clients' contacts

client_id	country_code	city	long	lat	num_contact
123	HU	Budapest	19.1	47.5	1256
123	GB	London	-0.1	51.5	9888
456	DE	Berlin	13.4	52.5	33664
456	DE	Munich	11.57	48.14	77666
456	GB	London	-0.1	51.5	42

Code and data

1. Clone/download code: <http://bit.ly/cleanrcode-rladies-code>
2. Create empty "data" folder at root
3. Download data: <http://bit.ly/cleanrcode-rladies-data>
4. Copy all 3 files to "data"

Farewell

Feedback form

<https://tinyurl.com/cleanrcode-rladies-2019>



@czeildi, @paljency (+ special thanks to @szeist)

Robert C. Martin: Clean Code

