

R for Data Science

Date	Length	Topics	References
14/03/2019	4 hrs	Introduction to tidyverse (tibbles, pipe)	preface, ch. 6, 7 – r4ds
		readr for data import	ch. 8 – r4ds
		dplyr (select, arrange, filter, mutate, summarise, group by)	ch. 3 – r4ds
		joining tables	ch. 10 – r4ds
		tidyverse for transforming dates and strings	ch. 13, 11 – r4ds
		tidy data with tidyr (gather, spread, unite, separate)	ch. 9 – r4ds
15/03/2019	3 hrs	ggplot2 basics	ch. 1, 5 – r4ds
		annoying things to do with ggplot2	ch. 1, 5 – r4ds
		ggplot family (ggrepel, Ggally)	ch. 22 – r4ds
		rmarkdown	ch. 21, 23 – r4ds
18/03/2019	3 hrs	loops in r	my own material
		if/else	my own material
		object oriented programming	r for developers, ch. 7, andrea spanò
19/03/2019	3 hrs	functions with r	ch. 6 – advr, r for developers, ch. 4, andrea spanò
		programming with dplyr and ggplot	my own material
28/03/2019	3 hrs	building packages in r	r for developers, ch. 6, andrea spanò
		git and github	my own material