

R 語言資料整理

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課前準備

- 會從上週末講完的Part1繼續講（ 3. Data frame [line 290] ）。
- 請先安裝好 tidyverse 套件，指令如下：
`install.packages("套件名稱")` (至少需執行5分鐘)
- 如果來不及，請至少安裝好 `dplyr` , `tidyr` , `ggplot2` 這3個套件
- 回憶一下什麼是 vector（ 向量 ）？什麼是data frame（ 資料框 ）？
- 如果還沒註冊DataCamp與Piazza的同學，請確認是否有收到邀請信，如果沒有請盡快與老師反應。

課程主題重點

- Set your **working directory**
- **Loading** data from files
- **Subsetting** in base R
- Missing data (**NA**)
- Merging data frames

工作目錄 (working directory)

- 本機

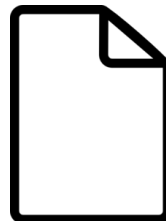
C:\Users\...\11001_ntu_R_lang\03_code\R-Fundamentals-master

- R 環境內

C:/Users/.../11001_ntu_R_lang/03_code/R-Fundamentals-master



.Rproj



.R & Rmd

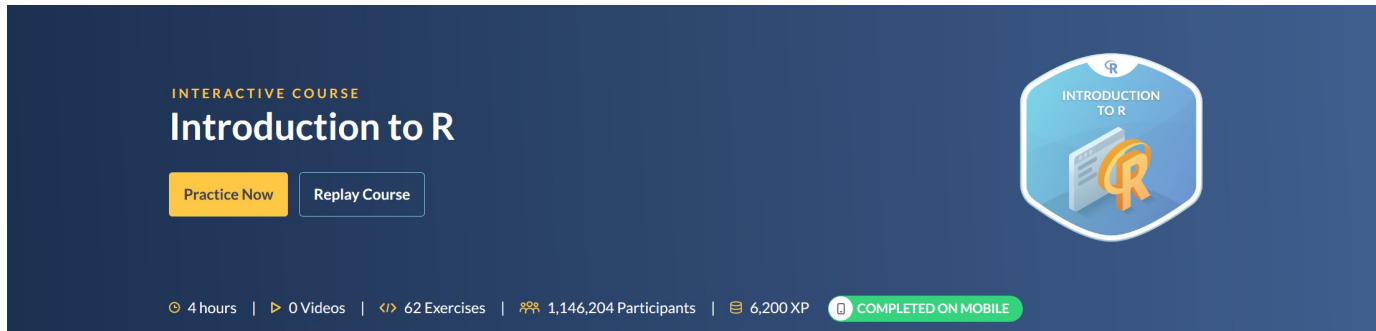
Default working directory

Tidy-verse

- <https://www.tidyverse.org/>



本週作業



INTERACTIVE COURSE

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INTRODUCTION TO R

Course Description

In this introduction to R, you will master the basics of this beautiful open source language, including factors, lists and data frames. With the knowledge gained in this course, you will be ready to undertake your first very own data analysis. With over 2 million users worldwide R is rapidly becoming the leading programming language in statistics and data science. Every year, the number of R users grows by 40% and an increasing number of organizations are using it in their day-to-day activities. Leverage the power of R by completing this R online course today!

1 Intro to basics

100%

In this chapter, you will take your first steps with R. You will learn how to use the console as a calculator and how to assign variables. You will also get to know the basic data types in R. Let's get started!

How it works

✓ 100 xp



View



Train your team

- <https://www.datacamp.com/courses/free-introduction-to-r>