Environmental Systems Data Science

Loïc Pellissier, Joshua Payne, Benjamin Stocker

2020-06-24

Contents

Chapter 1

Primers

[Embed video here by:]

This is a *sample* book written in **Markdown**. You can use anything that Pandoc's Markdown supports, e.g., a math equation $a^2 + b^2 = c^2$.

The **bookdown** package can be installed from CRAN or Github:

```
install.packages("bookdown")
# or the development version
# devtools::install_github("rstudio/bookdown")
```

If you want to generate PDF output, you will need to install LaTeX. For R Markdown users who have not installed LaTeX before, we recommend that you install TinyTeX (https://yihui.name/tinytex/):

```
install.packages('tinytex')
tinytex::install_tinytex()  # install TinyTeX
Remember each Rmd file contains one and only one chapter, and a chapter is defined by the first-l
```

Chapter 2

Big Data for environmental sciences

Here is a review of existing methods.

Chapter 3

Data scraping and wrangling

We describe our methods in this chapter.

Chapter 4

Process modelling and model-data fusion

Some *significant* applications are demonstrated in this chapter.

4.1 Example one

4.2 Example two

Chapter 5

Supervised learning

We have finished a nice book.

Chapter 6

Unsupervised learning

We have finished a nice book.