

# R Markdown Template

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## R environment (renv)

Using `renv` while writing your tutorial will ensure that when a LingMethodsHub maintainer renders your tutorial, all of the necessary packages will be installed. Even if you've already been working on the tutorial, you can start using `renv` like so:

```
renv::init()
renv::snapshot()
```

This will create an `renv/` directory, and an `renv.lock` file. You should add `renv.lock` to git.

Once you've run through all of the code for your tutorial again, just run `renv::snapshot()` one more time before you push your final commit.

## Sample R Markdown Template

```
renv::use(lockfile = "renv.lock")
```

```
Installing bit [4.0.4] ...
  OK [linked cache]
Installing rlang [1.0.4] ...
  OK [linked cache]
Installing lifecycle [1.0.1] ...
  OK [linked cache]
Installing cli [3.3.0] ...
  OK [linked cache]
Installing vctrs [0.4.1] ...
  OK [linked cache]
```

```
Installing pillar [1.8.0] ...
  OK [linked cache]
Installing purrr [0.3.4] ...
  OK [linked cache]
Installing tidyselect [1.1.2] ...
  OK [linked cache]
Installing dplyr [1.0.9] ...
  OK [linked cache]
Installing stringr [1.4.0] ...
  OK [linked cache]
Installing cpp11 [0.4.2] ...
  OK [linked cache]
Installing tidyr [1.2.0] ...
  OK [linked cache]
Installing digest [0.6.29] ...
  OK [linked cache]
Installing gtable [0.3.0] ...
  OK [linked cache]
Installing isoband [0.2.5] ...
  OK [linked cache]
Installing MASS [7.3-57] ...
  OK [linked cache]
Installing Matrix [1.4-1] ...
  OK [linked cache]
Installing nlme [3.1-157] ...
  OK [linked cache]
Installing mgcv [1.8-40] ...
  OK [linked cache]
Installing viridisLite [0.4.0] ...
  OK [linked cache]
Installing scales [1.2.0] ...
  OK [linked cache]
Installing ggplot2 [3.3.6] ...
  OK [linked cache]
Installing broom [1.0.0] ...
  OK [linked cache]
Installing ps [1.7.1] ...
  OK [linked cache]
Installing processx [3.7.0] ...
  OK [linked cache]
Installing callr [3.7.0] ...
  OK [linked cache]
Installing crayon [1.5.1] ...
```

```
      OK [linked cache]
Installing curl [4.3.2] ...
      OK [linked cache]
Installing data.table [1.14.2] ...
      OK [linked cache]
Installing dtplyr [1.2.1] ...
      OK [linked cache]
Installing evaluate [0.15] ...
      OK [linked cache]
Installing forcats [0.5.1] ...
      OK [linked cache]
Installing jsonlite [1.8.0] ...
      OK [linked cache]
Installing sys [3.4] ...
      OK [linked cache]
Installing openssl [2.0.2] ...
      OK [linked cache]
Installing httr [1.4.3] ...
      OK [linked cache]
Installing rstudioapi [0.13] ...
      OK [linked cache]
Installing gargle [1.2.0] ...
      OK [linked cache]
Installing googlesheets4 [1.0.0] ...
      OK [linked cache]
Installing hms [1.1.1] ...
      OK [linked cache]
Installing vroom [1.5.7] ...
      OK [linked cache]
Installing readr [2.1.2] ...
      OK [linked cache]
Installing haven [2.5.0] ...
      OK [linked cache]
Installing htmltools [0.5.3] ...
      OK [linked cache]
Installing xfun [0.31] ...
      OK [linked cache]
Installing yaml [2.3.5] ...
      OK [linked cache]
Installing knitr [1.39] ...
      OK [linked cache]
Installing lubridate [1.8.0] ...
      OK [linked cache]
```

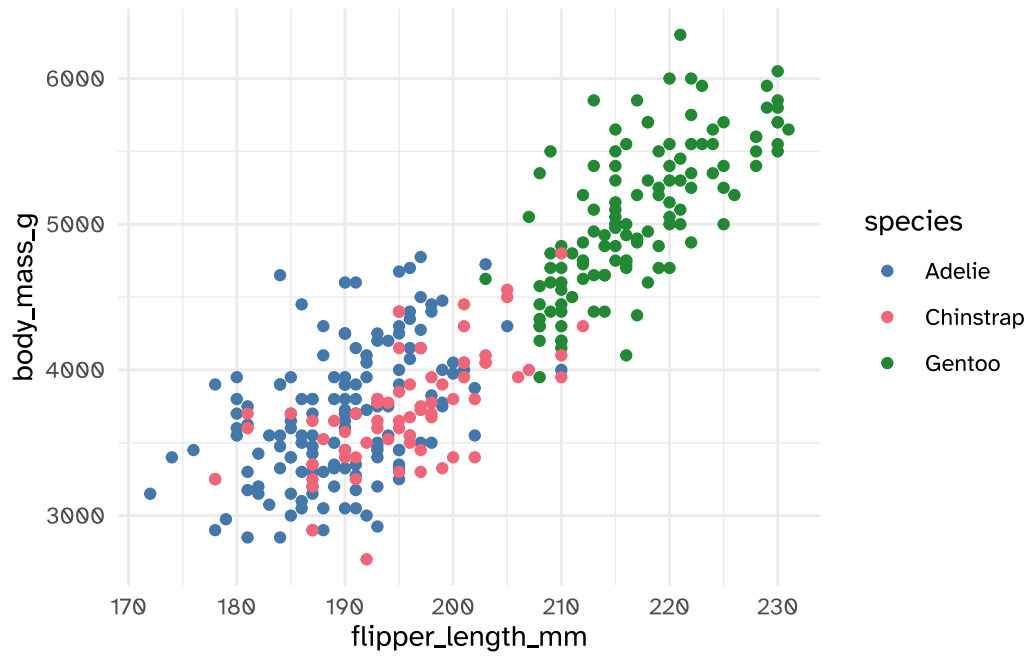
```
Installing modelr [0.1.8] ...
  OK [linked cache]
Installing png [0.1-7] ...
  OK [linked cache]
Installing RcppTOML [0.1.7] ...
  OK [linked cache]
Installing readxl [1.4.0] ...
  OK [linked cache]
Installing renv [0.15.5] ...
  OK [linked cache]
Installing tinytex [0.40] ...
  OK [linked cache]
Installing rmarkdown [2.14] ...
  OK [linked cache]
Installing reprex [2.0.1] ...
  OK [linked cache]
Installing reticulate [1.25] ...
  OK [linked cache]
Installing rvest [1.0.2] ...
  OK [linked cache]
Installing tidyverse [1.3.1] ...
  OK [linked cache]
```

```
library(tidyverse)
library(palmerpenguins)
```

```
library(showtext)
library(khroma)
font_add_google("Atkinson Hyperlegible", "atkinson")
showtext_auto()
```

```
palmerpenguins::penguins %>%
  ggplot(aes(flipper_length_mm, body_mass_g, color = species))+
  geom_point()+
  scale_color_bright()+
  theme_minimal()+
  theme(text = element_text(family = "atkinson"))
```

Warning: Removed 2 rows containing missing values (geom\_point).



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