

# Course packages

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2022-01-21

## Getting started

- {devtools}
- {here}
- {tidyverse}

## Coding

- {lintr}
- {palmerpenguins}
- {styler}

## Version control

- {gitcreds}

## Literate programming

- {knitr}
- {papaja}
- {rmarkdown}
- {tinytex}

## Importing and exporting data

- {dataReporter}
- {qualtRics}
- {readxl}

## Data wrangling

- {nycflights13}

## Dates

- {lubridate}

## Plotting data

- {cowplot}
- {ggthemes}
- {patchwork}

## Tables

- {gt}

## Installing packages

If you are using Windows, install [RTools](#) before proceeding.

Then copy and paste the following line to install all (hopefully!) packages needed in the course. **Warning:** it may take a while for these to install, so don't start this if you need access to your R session (or open another R session to do this).

```
install.packages(c("tidyverse", "devtools", "here", "lintr", "palmerpenguins", "styler",  
  "gitcreds", "tinytex", "knitr", "rmarkdown", "dataReporter", "qualtRics", "readxl",  
  "nycflights13", "lubridate", "cowplot", "ggthemes", "patchwork", "gt"))
```

If you experience errors installing any, try installing them individually.

Installing {papaja} requires (1) already having {tinytex} installed and (2) using `install_github()`:

```
devtools::install_github("crsh/papaja")
```