Using Packages and Coding Style in R

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Today we are going to learn...

1 **Concepts of an R package**

2 **Coding Style**

R packages

- Load an R package: `library("PackageName")` or `require("PackageName")`
- Install an R package from the Internet (CRAN): `install.packages("PackageName")`
- If you have Windows system and sometimes you R package needs to compile, you need the "Rtools" software for building packages for R under Microsoft Windows, available at `https://cran.r-project.org/bin/windows/Rtools/`
- Install an R package from GitHub: `devtools::install_github("ykang/gratis")`

Coding Style

- Good coding style is like correct punctuation.
- Bottom line: your coding style should make other people easy to understand you code.

Suggested reading

- The tidyverse style guide: https://style.tidyverse.org/
- R-intro: **Chapter 13**