

***Rotman***

# INTRO TO R – TIDYMODELS

R Workshop – 4 (Part 1)

April 2, 2022 Prepared by Jay Cao / TDMDAL

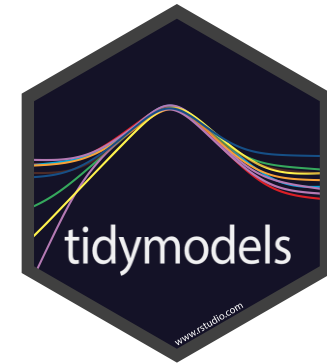
Website: <https://tdmdal.github.io/r-tutorial-202122-winter/>



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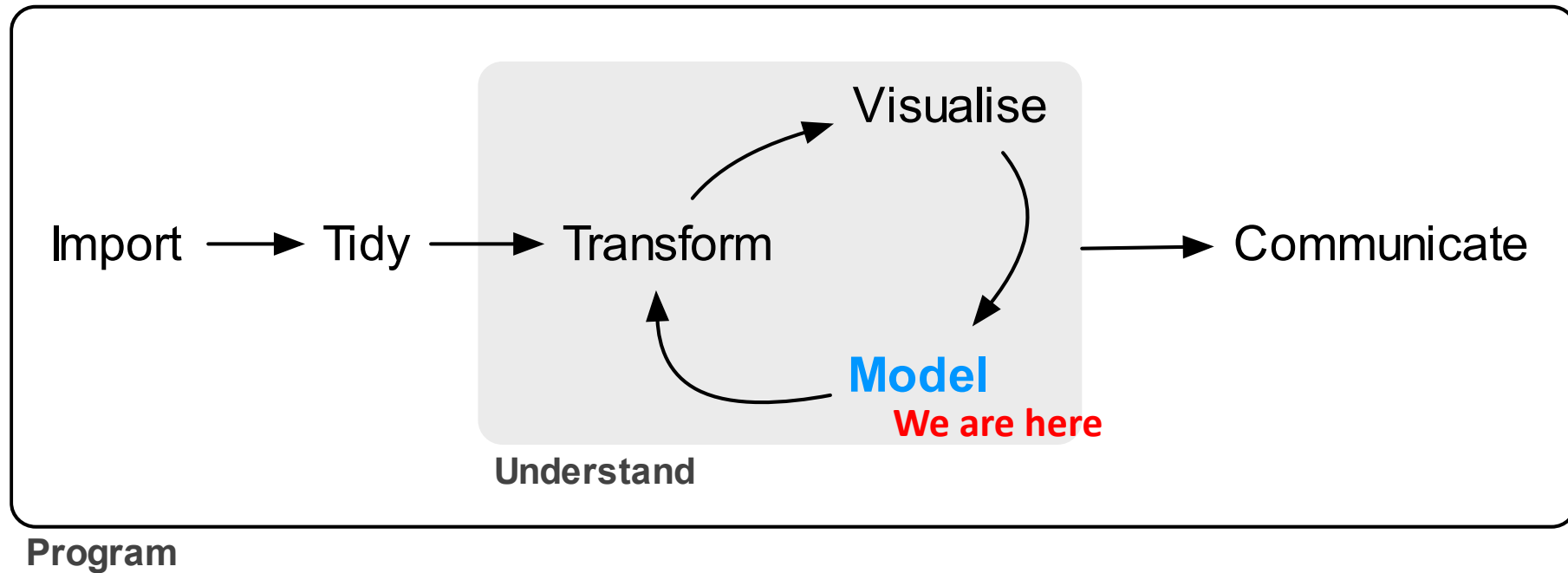
# Tidymodels Framework

- What is it
  - *“a collection of packages for modeling and machine learning using tidyverse principles.”*
  - It is **NOT** a collection of statistical or ML models
- How to think about it
  - tidy data : data :: tidy models : modeling
  - tidyverse : data wrangling :: tidymodels : model wrangling

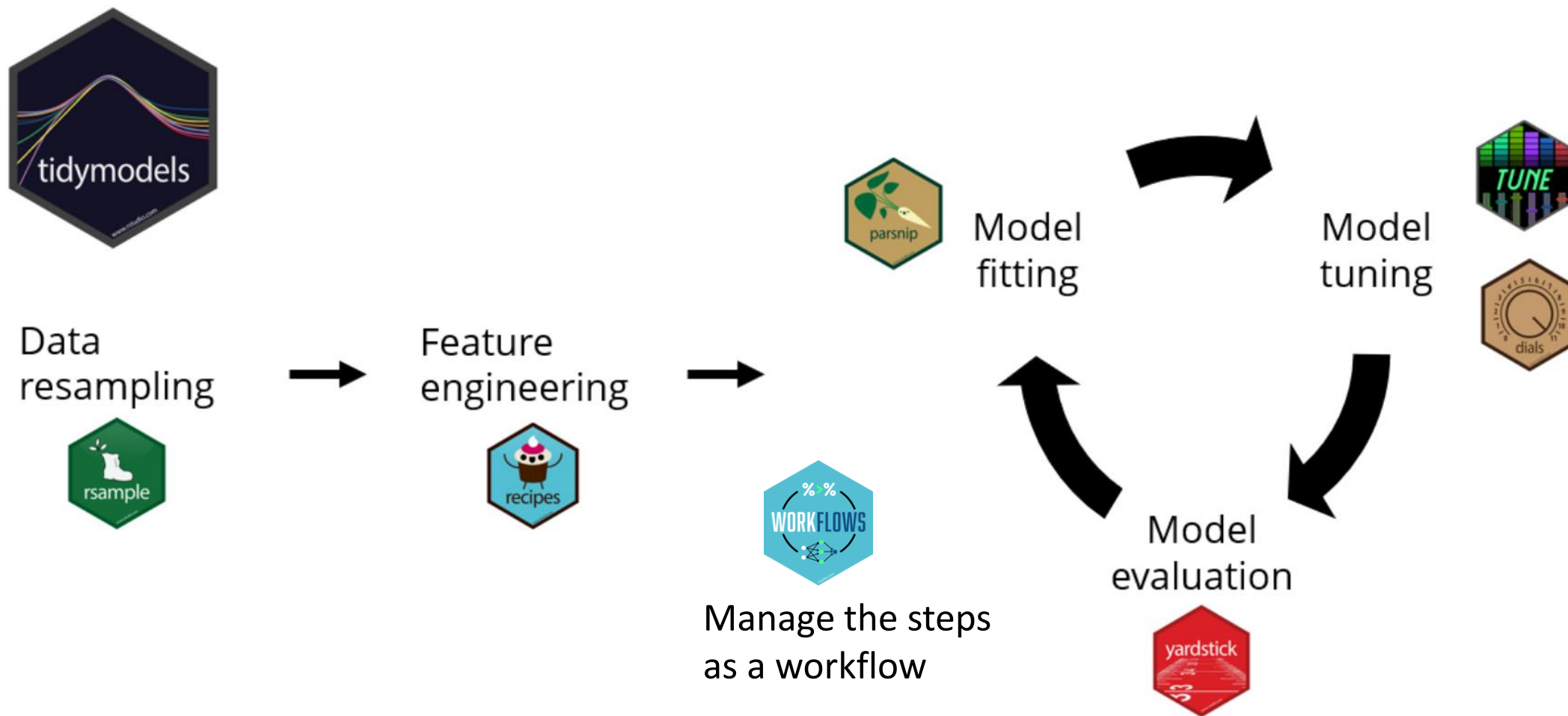


# Model Wrangling (1) ?

- Recall the data analysis workflow



# Model Wrangling (2) ?



Source: <https://projector-video-pdf-converter.datacamp.com/25849/chapter1.pdf>

# Notebook Example

- A quick walkthrough of most tidymodels packages
- using [German credit data](#)

# Learning Resources

- Package [website](#) has many learning resources
- A good free book: [Tidy Modeling with R](#)
- A Datacamp course: [Modeling with tidymodels in R](#)
  - Not free
  - I will read the free book instead of paying for the course (my opinion only)

