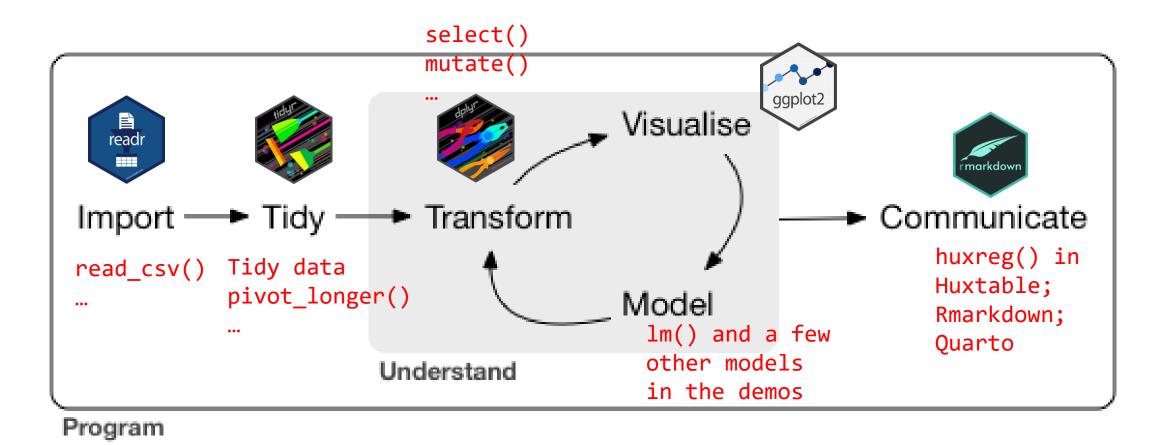
Rotman

INTRO TO R - TIDYMODELS

R Workshop – Part 4 (1)



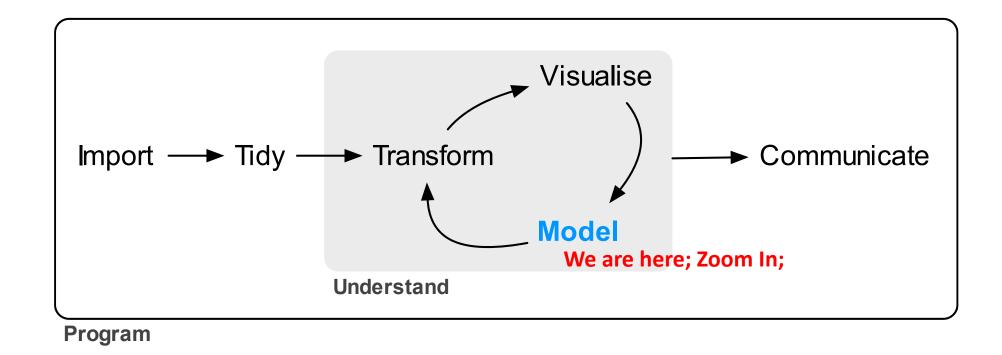
Revisit The Data Analysis Workflow



https://r4ds.had.co.nz/introduction.html

Model Wrangling?

Recall the data analysis workflow

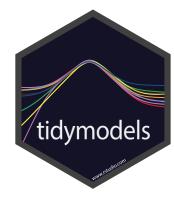


Ref. https://www.tmwr.org/software-modeling.html#model-terminology

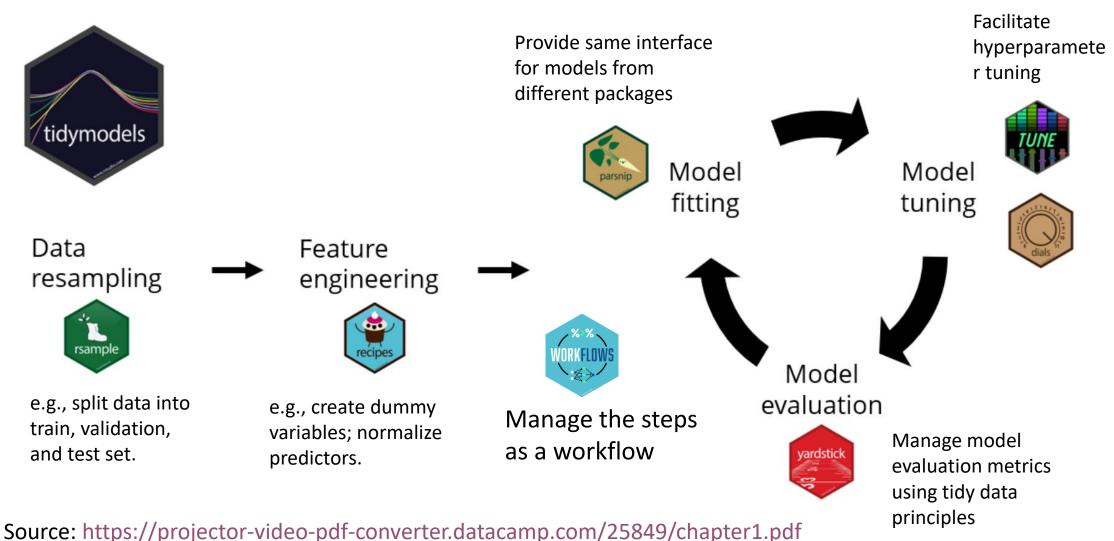
Tidymodels Framework

- 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 Workflow?



Notebook Example

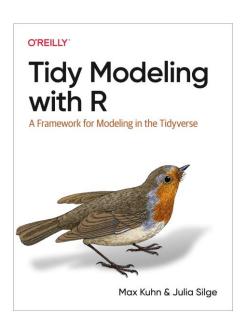
A quick walkthrough of most tidymodels packages

• using German credit data

Learning Resources

Package <u>website</u> has many learning resources

A good free book: <u>Tidy Modeling with R</u>



- A Datacamp course: <u>Modeling with tidymodels in R</u>
 - Not free
 - I will read the free book instead of paying for the course (my opinion only)