

# Modeling with R and the Tidyverse

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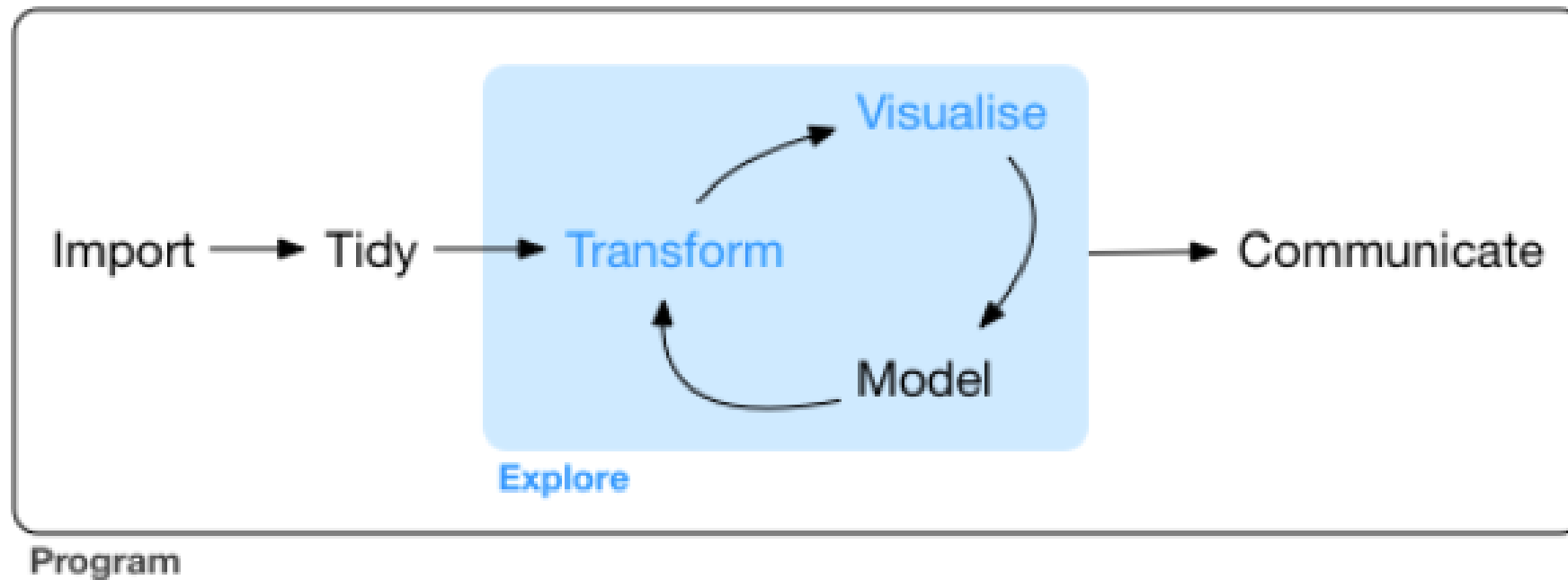
University of Connecticut

FNCE 5352

# Materials

- Materials are available on github
  - LINK: [https://github.com/mattmcd71/fnce5352\\_spring2020](https://github.com/mattmcd71/fnce5352_spring2020)

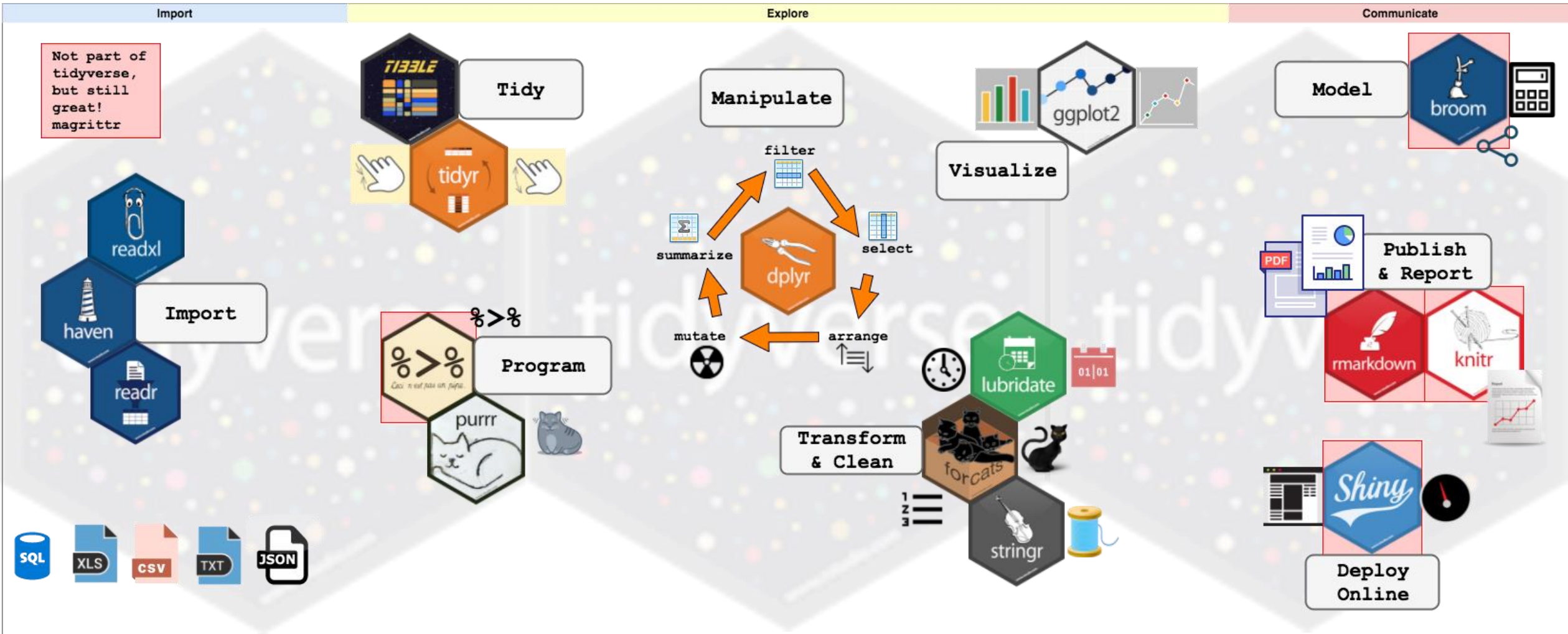
# Modeling Workflow



# Focus of this course

- Model Workflow
- Tools available to support modeling workflow
- Getting things done!

# Tidyverse



# Project-Based Workflow

Why?

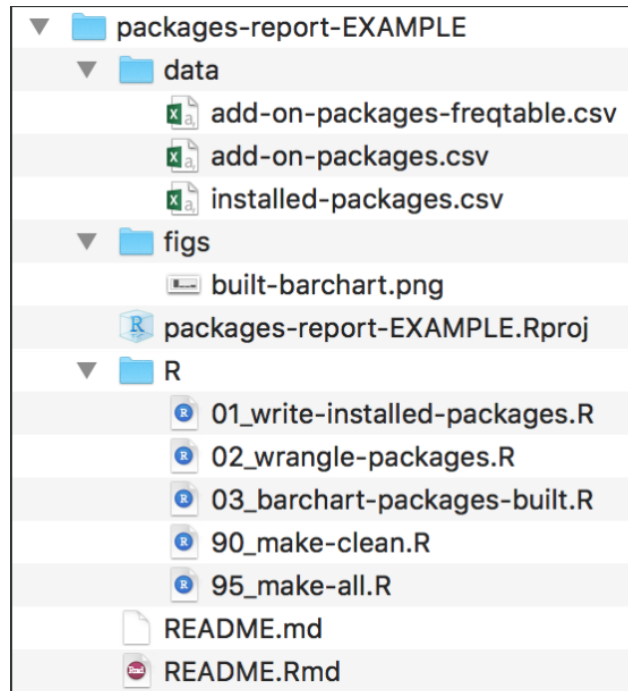
- work on more than 1 thing at a time
- collaborate, communicate, distribute
- start and stop

# Project-Based Workflow

How?

- dedicated directory
- RStudio **P**roject
- Git repo, probably syncing to a remote

# Project-Based Workflow



>>>

file salad  
+ an out-of-date README



# Project-Based Workflow

smell-test.R

wrangle.R

model.R >>> everything.R

make-figs.R

report.Rmd

# Help on the Tidyverse

- Rstudio Cheat Sheets!
  - <https://www.rstudio.com/resources/cheatsheets/>
- R for Data Science
  - <http://r4ds.had.co.nz/>
- Feature Engineering and Selection
  - <https://bookdown.org/max/FES/>