

{GOLEM} ET {FUSEN}: LE COMBO GAGNANT POUR CONSTRUIRE DES APPLICATIONS SHINY ROBUSTES ET FACILES À MAINTENIR

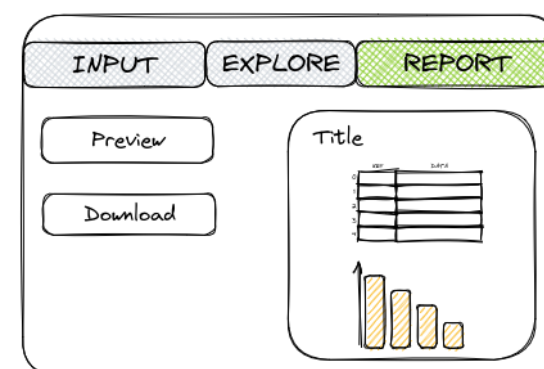
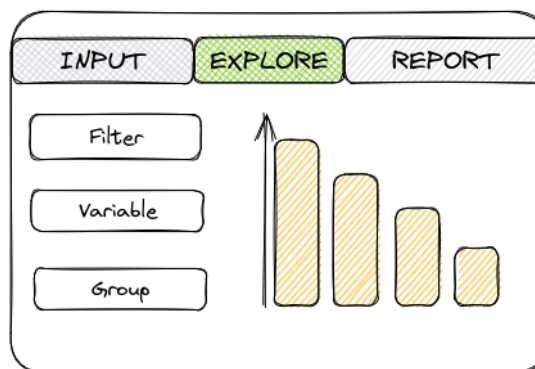
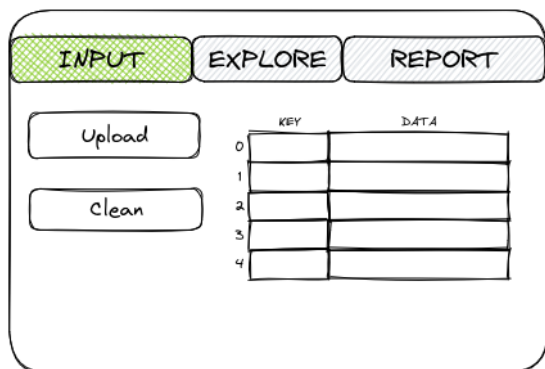
{GOLEM} ET {FUSEN}, BFF

SÉBASTIEN ROCHETTE, THINKR

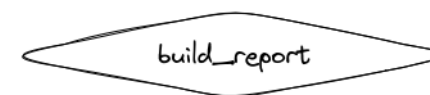
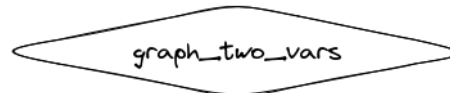


Design your application

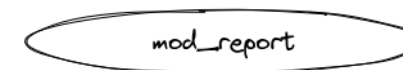
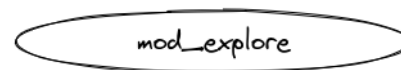
Let's imagine a 3 pages shiny application: input, explore, report



BUSINESS
LOGIC



USER
INTERFACE



Design your development project

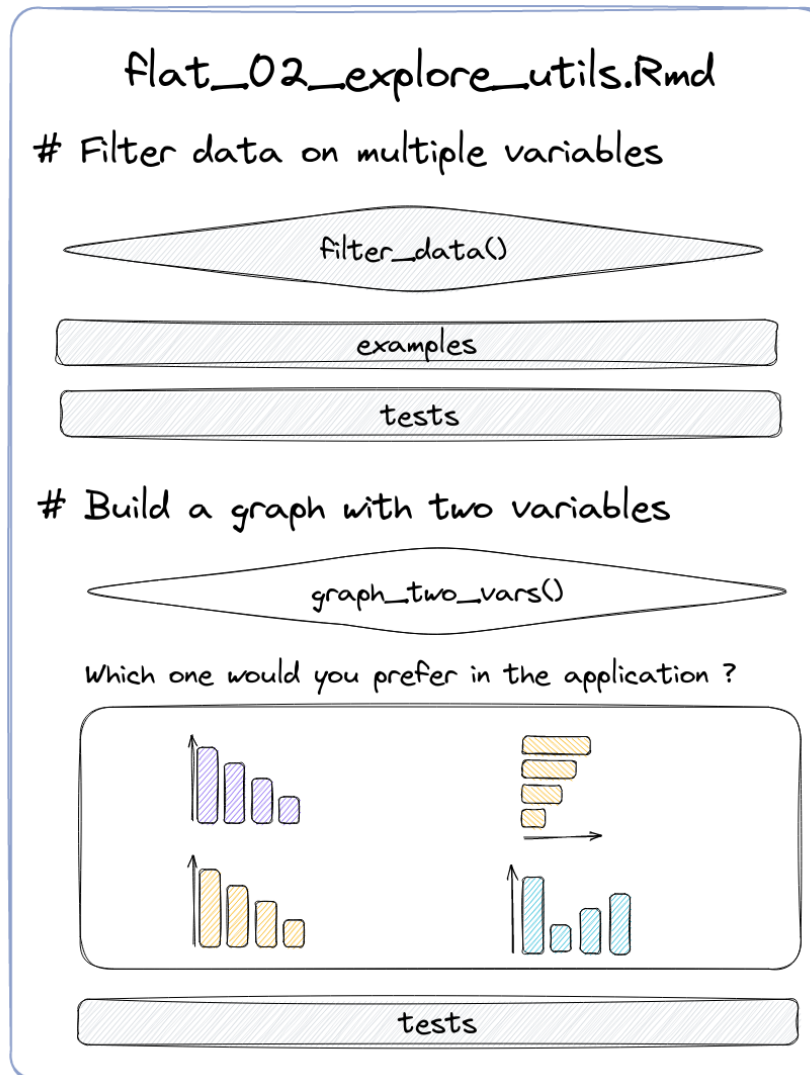
Separate code according to the stakes and app structure



Prototype your app

Use a notebook to explore and validate the future outputs

BUSINESS
LOGIC
(dev/)



Prototype your app

Use a notebook to explore and validate the future outputs

BUSINESS
LOGIC
(dev/)



flat_02_explore_utils.Rmd

Filter data on multiple variables

filter_data()

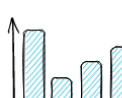
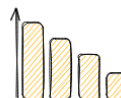
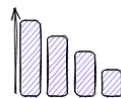
examples

tests

Build a graph with two variables

graph_two_vars()

Which one would you prefer in the application ?



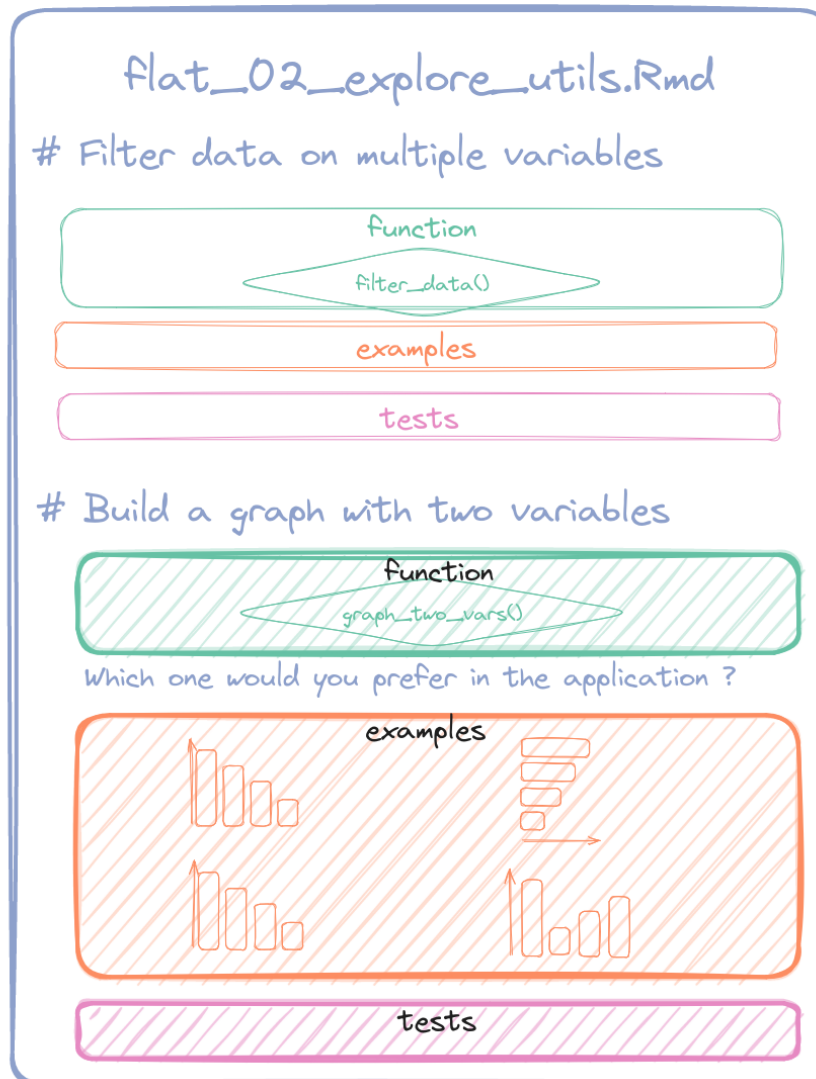
tests

Strengthen your code

Use a notebook with {fusen} template to document and test the business logic



BUSINESS
LOGIC

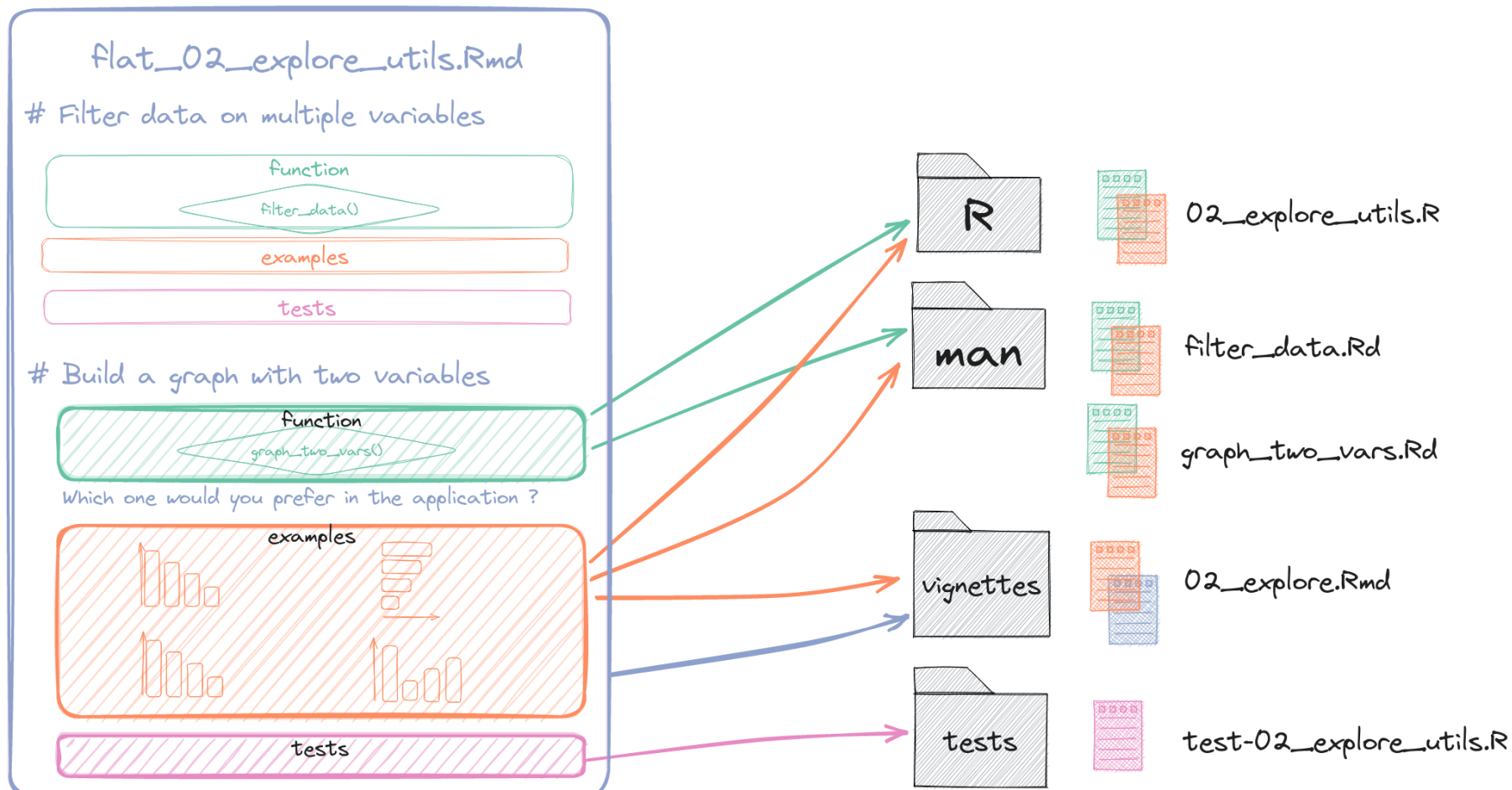


Strengthen your code

Inflate as a package for a documented, robust and maintainable production-grade project



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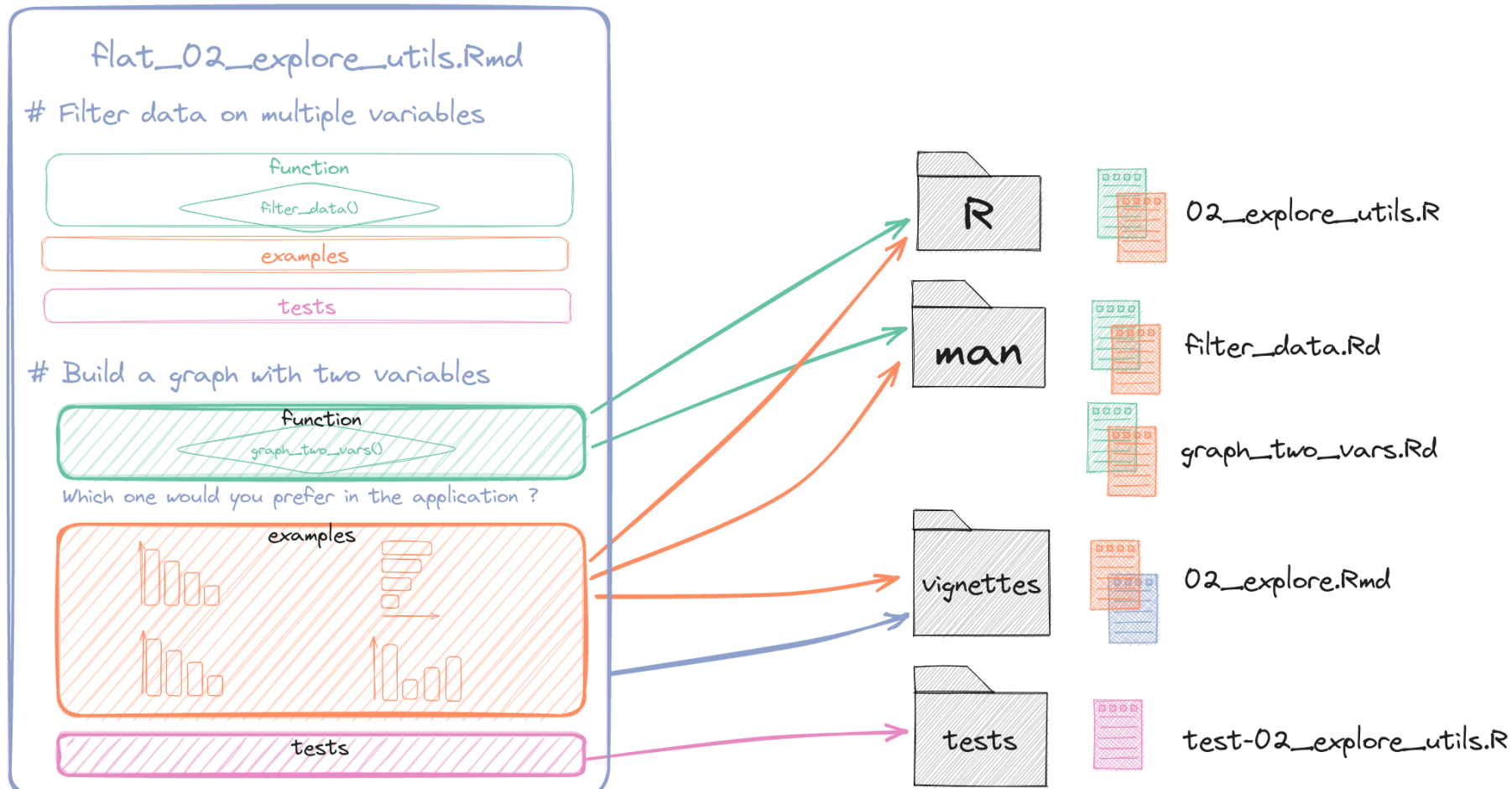


Strengthen your code

Inflate as a package for a documented, robust and maintainable production-grade project

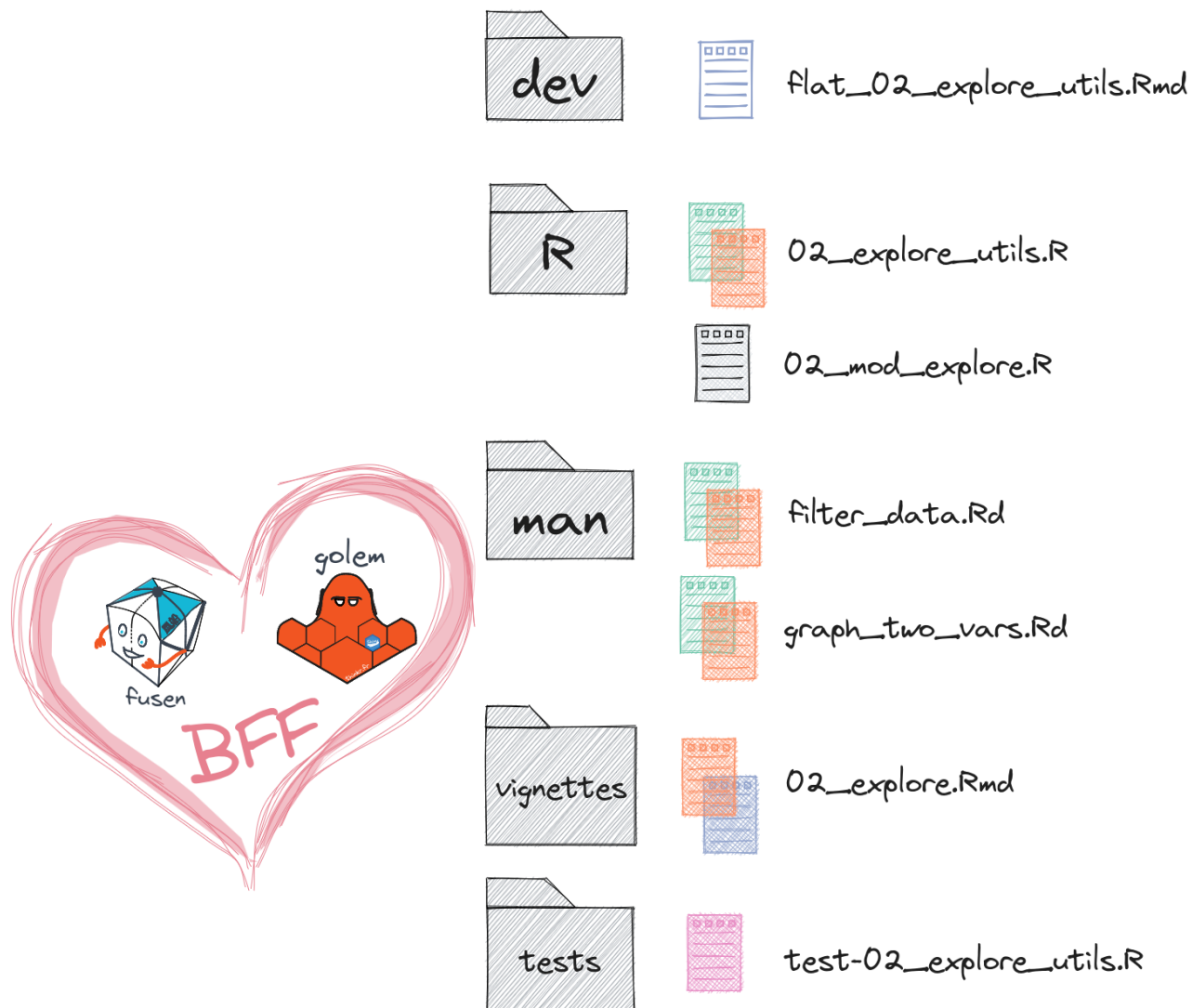


BUSINESS
LOGIC



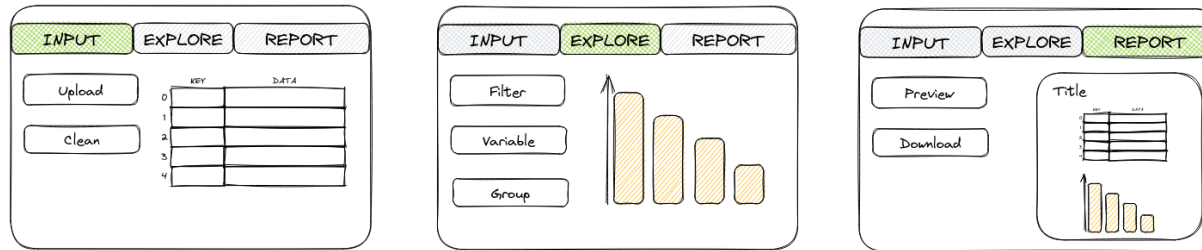
Build your app

Combine UI and business within the {golem} package structure



Tada! A production-ready web application!

Now you can let your imagination run wild



- Deploy the `{pkgdown}` HTML documentation of your package
- Separate Business and UI in two different packages
- Combine the business package with a Plumber API (See `{mariobox}`)

Find out more

- `{fusen}` documentation: <https://thinkr-open.github.io/fusen/>
- `{golem}` documentation: <https://thinkr-open.github.io/golem/>
- `{fusen}` blog posts: <https://rtask.thinkr.fr/fusen/>