# {admiral} Hackathon Sneak Peek

## **AD**a**M** **i**n **R** **A**sset **L**ibrary

Thomas Neitmann, Senior Data Scientist @ Roche

# How It All Started



The **ADaM in R Asset Library**

Open-source modular toolkit for generating ADaM datasets in R

{admiral}—The ADaM in R Asset Library

# Monolithic

```
pre_processing()
create_advs(
  input_ds = vs,
  param_01 = ,
  param_02 = ,
  ...,
  param_99 =
)
post_processing()
```
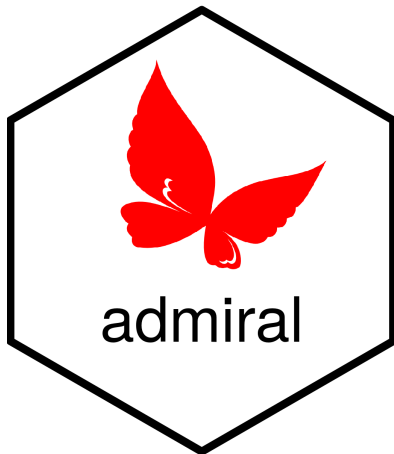
# Modular

```
advs <- vs %>%
  derive_var_a() %>%
  derive_var_b() %>%
  study_vars_x() %>%
  derive_param_c() %>%
  project_param_y() %>%
  ...
```

# A Flourishing Ecosystem

admiral

admiralonco

admiralophtha

admiralvaccine

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# {admiral} Hackathon Sponsored by COSA

| Milestone | Date |
|---|---|
| Pre-Hackathon R Workshop | Jan 17 2023, 10am - 1pm |
| Kick-Off Event | Jan 26 2023, 10am - 12pm |
| Hackathon | Feb 1 to Feb 28 |

# Intro to R for SAS Programmers Workshop

- 3 hours hands on workshop

- Aimed at Clinical SAS Programmers

- No prior R knowledge required

- Take you from 0 to being able to do common data manipulation tasks

- Register: https://www.cdisc.org/events/webinar/pre-admiral-hackathon-workshop-introduction-r-sas-programmers

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# Kick Off Event Agenda

- pharmaverse: collaboratively build open-source tools for clinical reporting

- Hands on introduction to the {admiral} package

- The challenge: sample study, SDTM datasets, and specifications

- Register: https://www.cdisc.org/events/webinar/admiral-hackathon-kickoff

# Hackathon

- Goal of the event is to **learn**

- Task is to transform a set of SDTM dataset to ADaM using {admiral}

- Participants get free Rstudio Cloud access (i.e. no R installation required)

- Join a vibrant Slack community to get support and share you **learnings**

- Upload your dataset code and get a chance to win some prizes