{admiral} Hackathon Sneak Peek

ADaM in R Asset Library

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How It All Started

The ADaM in R Asset Library

Open-source modular toolkit for generating ADaM datasets in R
Monolithic

```r
pre_processing()
create_advs(
    input_ds = vs,
    param_01 = ,
    param_02 = ,
    ..., 
    param_99 =
)
p post_processing()
```

Modular

```r
advs <- vs %>%
    derive_var_a() %>%
    derive_var_b() %>%
    study_vars_x() %>%
    derive_param_c() %>%
    project_param_y() %>%
    ... 
```
A Flourishing Ecosystem

admiral

admiralonco

admiralphtha

admiralvaccine

Roche

GSK

Roche

GSK

Roche

GSK

Pfizer

Johnson & Johnson

(admiral)—The ADaM in R Asset Library
{admiral} Hackathon Sponsored by COSA

<table>
<thead>
<tr>
<th>Milestone</th>
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<tr>
<td>Pre-Hackathon R Workshop</td>
<td>Jan 17 2023, 10am - 1pm</td>
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<tr>
<td>Kick-Off Event</td>
<td>Jan 26 2023, 10am - 12pm</td>
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<td>Hackathon</td>
<td>Feb 1 to Feb 28</td>
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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
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](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 your **learnings**
- Upload your dataset code and get a chance to win some prizes