

R/Pharma Recap

December 8th, 2021

Event Description	1
Presenters	1
Important Links	2
In attendance (list your name here!)	2
Questions from attendees (add them below!)	2
Notes (anything cool you want to write down for later?)	2
Future R-Ladies Seattle events	2

Event Description

R-Ladies Seattle shares what they learned and liked about R/Pharma 2021! R/Pharma is a relatively small, scientifically & industry oriented, collegial conference focused on the use of R in the development of pharmaceuticals. The 2021 Conference ran Nov. 2-4th, with workshops the week before. Learn more about the conference here:

<https://rinpharma.com/event/rinpharma2021/>

Presenters

- Dr. Marie Vendettuoli, Validating R packages with {valtools} - workshop recap
- Jenny Smith, Survival Analysis with Tidy Models: R in Pharma Recap 2021
- Isabella Velásquez, Using the {targets} package for a reproducible pipeline without repeating yourself

Announcements

- Ookla is hiring for a Data Analytics Engineer and Data Scientist. For more info, reach out to Katie Jolly (katie.jolly@ookla.com).
- In January, we are having a Reactor x PNW Community Networking Session hosted by Microsoft Reactor.

Important Links

- [R/Pharma 2021 Conference](#)
- [R/Pharma YouTube Channel](#)
- [R/Pharma Github](#)

In attendance (list your name here!)

- Eric Nantz (podcaster / R geek)
- Jenny Leopoldina Smith
- Zane Dax (She/They) %>% StarTrek_Lt :)
- Isabella Velásquez, catastician

Questions from attendees (add them below!)

- For Marie V: Is there a template you had used to create the cheat sheets?
 - Generally, yes available through Rstudio resources for the cheat sheet.
- For Marie V: Do you see opportunities to leverage valtools for situations besides internal R packages? For instance custom analyses that produce say a report?
 - Data verification, but question about how you want to break up steps
- For Marie V: Has this framework been used for software that is used by pharma companies and has met criteria for say FDA or other regulatory institutions?
 - Will the FDA accept this is the 1 million dollar question?
 - Think about risk assessment, labor
 - Guidance during R in Pharma: document your process and work with the FDA to fulfill that promise
- For Jenny, what book/ resource do you recommend for starting to learn survival analysis? THANK YOU
 - <https://www.nature.com/articles/1705727.pdf>
 - <https://www.biostars.org/p/153013/>
 - <https://socialsciences.mcmaster.ca/jfox/Books/Companion/appendices/Appendix-Cox-Regression.pdf>

Notes (anything cool you want to write down for later?)

- Direct link to YouTube channel: <https://www.youtube.com/c/RinPharma>

- Fred Hutch validation tutorial:
https://github.com/FredHutch/R_package_validation_tutorial
- Haha was about to post that! I did miss the first link :(Thanks!
- <https://cran.r-project.org/web/packages/validate/vignettes/cookbook.html>
- Tidymodels site: <https://www.tidymodels.org/>
- <https://www.tidymodels.org/books/>
- <https://github.com/tidymodels/censored/>
- <https://github.com/ropensci/targets>
- Recent enhancement for {targets} called targetmarkdown:
<https://books.ropensci.org/targets/markdown.html>

Future R-Ladies Seattle events

Did this tutorial make you want to learn more about a particular topic? Write it here!

Have topics for future sessions, or want to sign up?