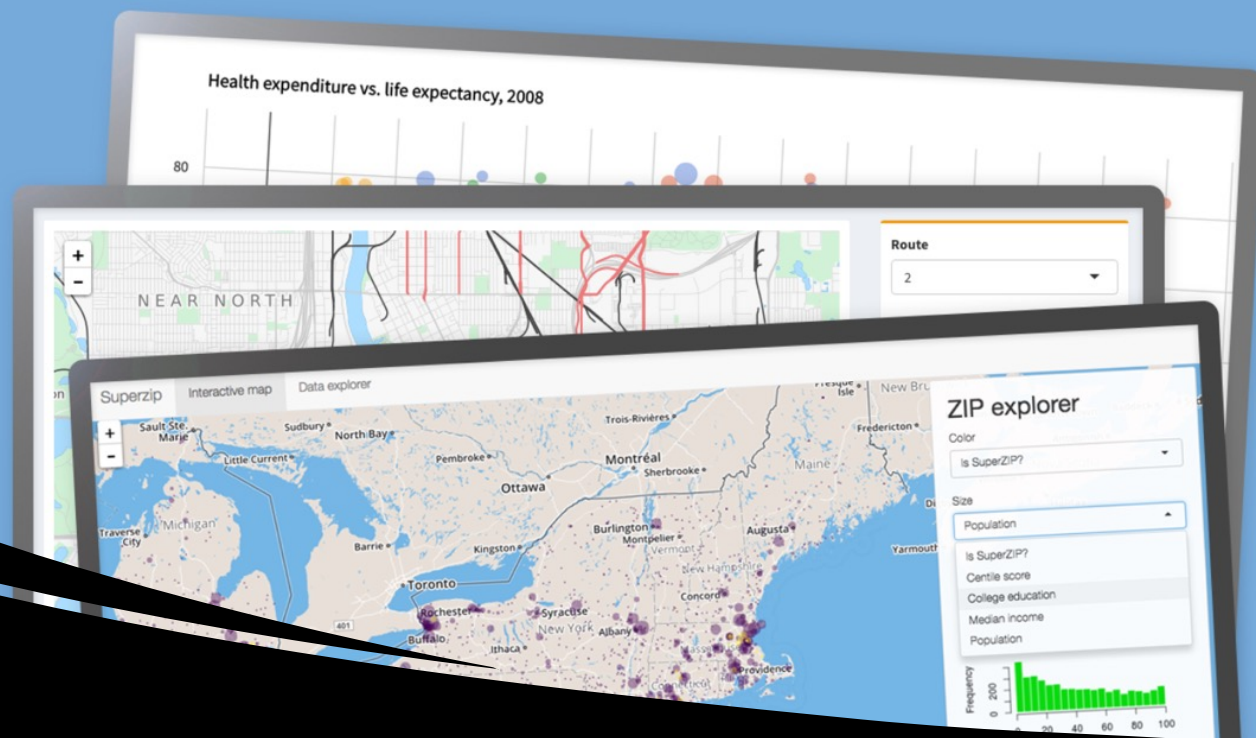# Beyond Basic Shiny: a Survey of R's Not Dull Web Ecosystem

Andrew Borgman

West Michigan R User Group

2022-08-09

# Agenda

- What is shiny?
- Summer Reading List
- I sure wish my shiny app…

Interact. Analyze. Communicate.

Take a fresh, interactive approach to telling your data story with Shiny. Let users interact with your data and your analysis. And do it all with R.

# What is shiny?
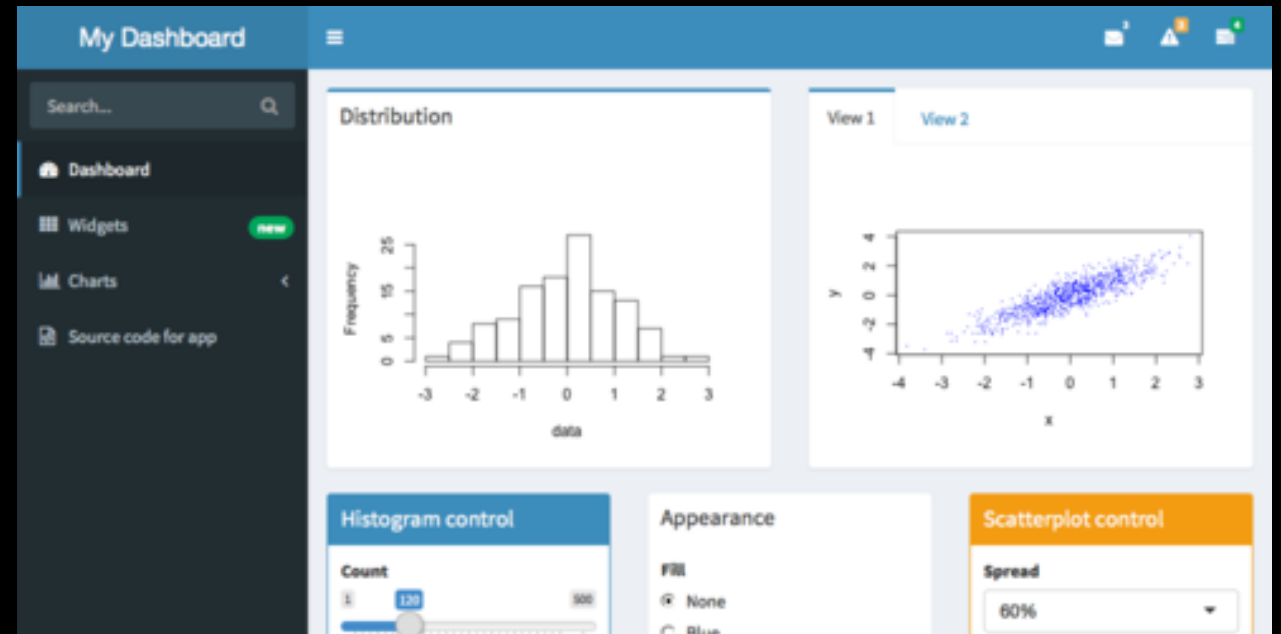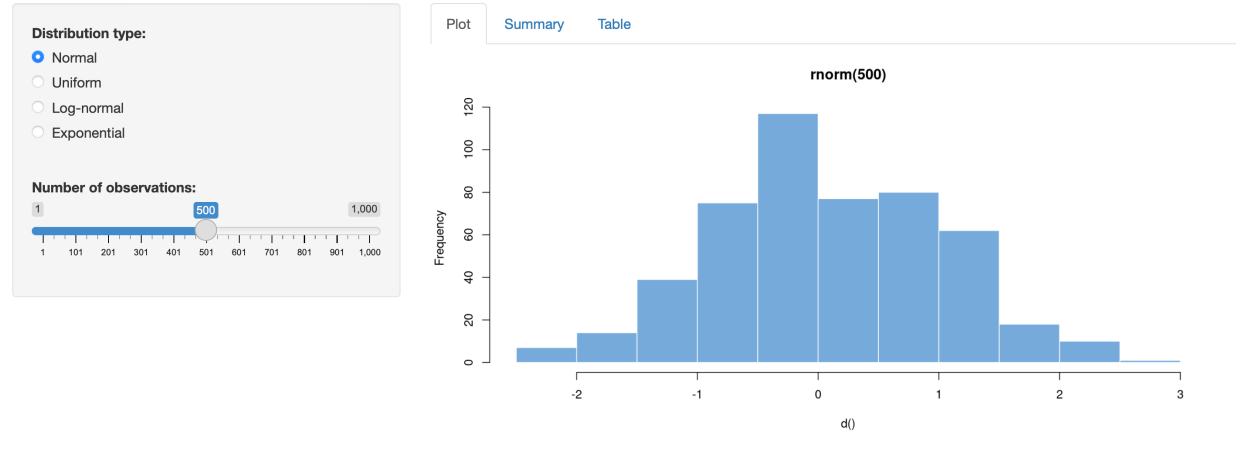
- https://shiny.rstudio.com

# Summer Reading List

- [Mastering Shiny](#)
- [Engineering Production Grade Shiny Apps](#)
- [JavaScript for R](#)
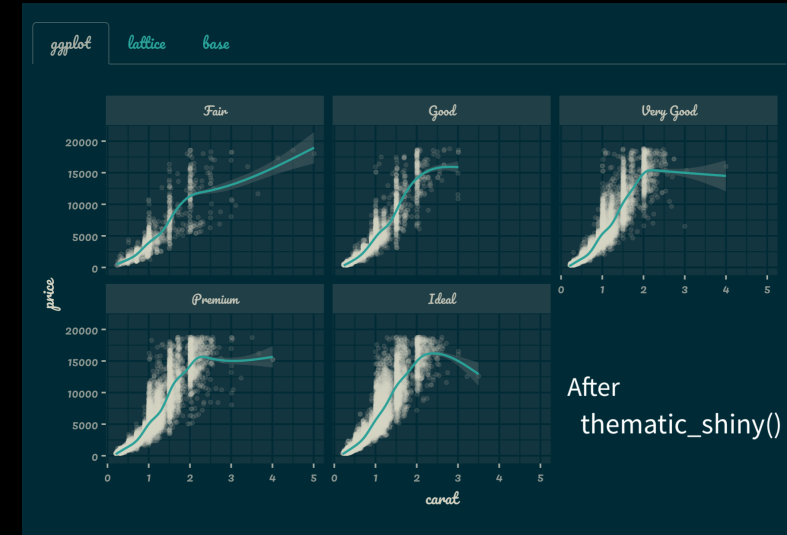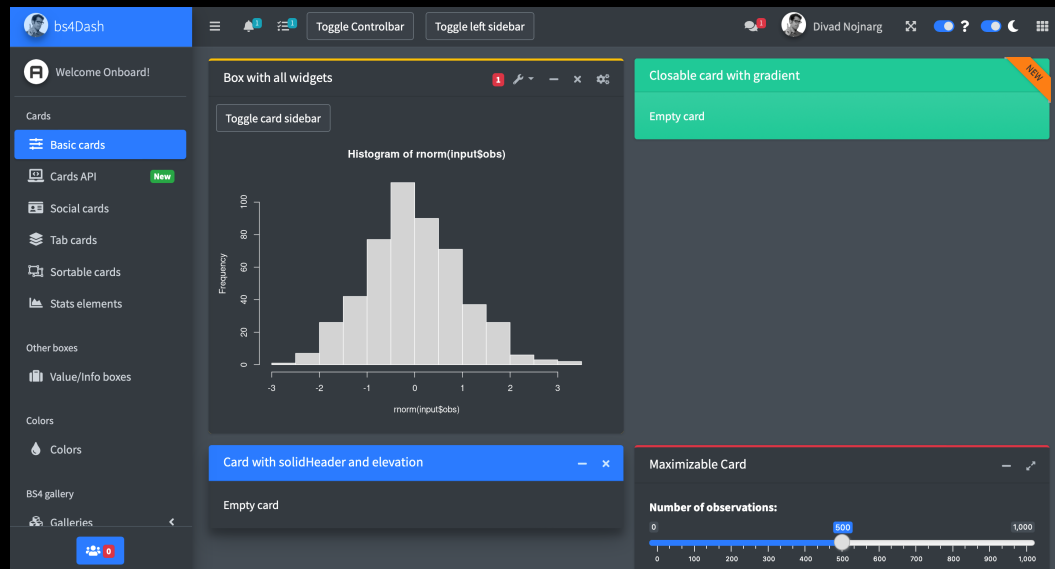- [Outstanding User Interfaces with Shiny](#)

# I sure wish my shiny app…

- Looked better

# ... looked better

# ... looked better



After
thematic_shiny()

# I sure wish my shiny app…

- Looked better
- Was more robust

# … was more robust



https://github.com/ThinkR-open/golem



https://github.com/Appsilon/rhino



https://github.com/rstudio/shinytest2/



https://github.com/rstudio/shinyloadtest/
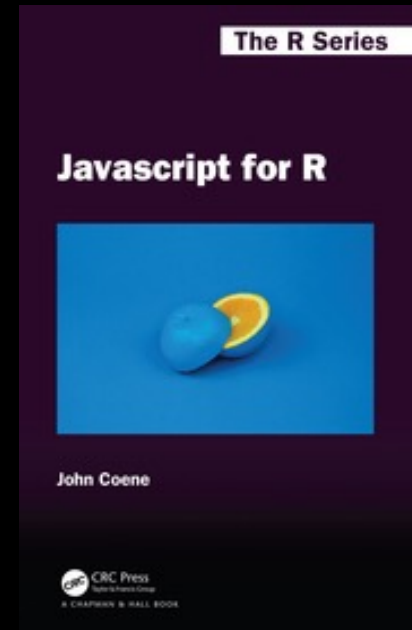
# I sure wish my shiny app…

- Looked better
- Was more robust
- Did more *web stuff*

# … did more *web stuff*



https://github.com/daattali/shinyjs



https://github.com/JohnCoene/packer

# I sure wish my shiny app…

- Looked better
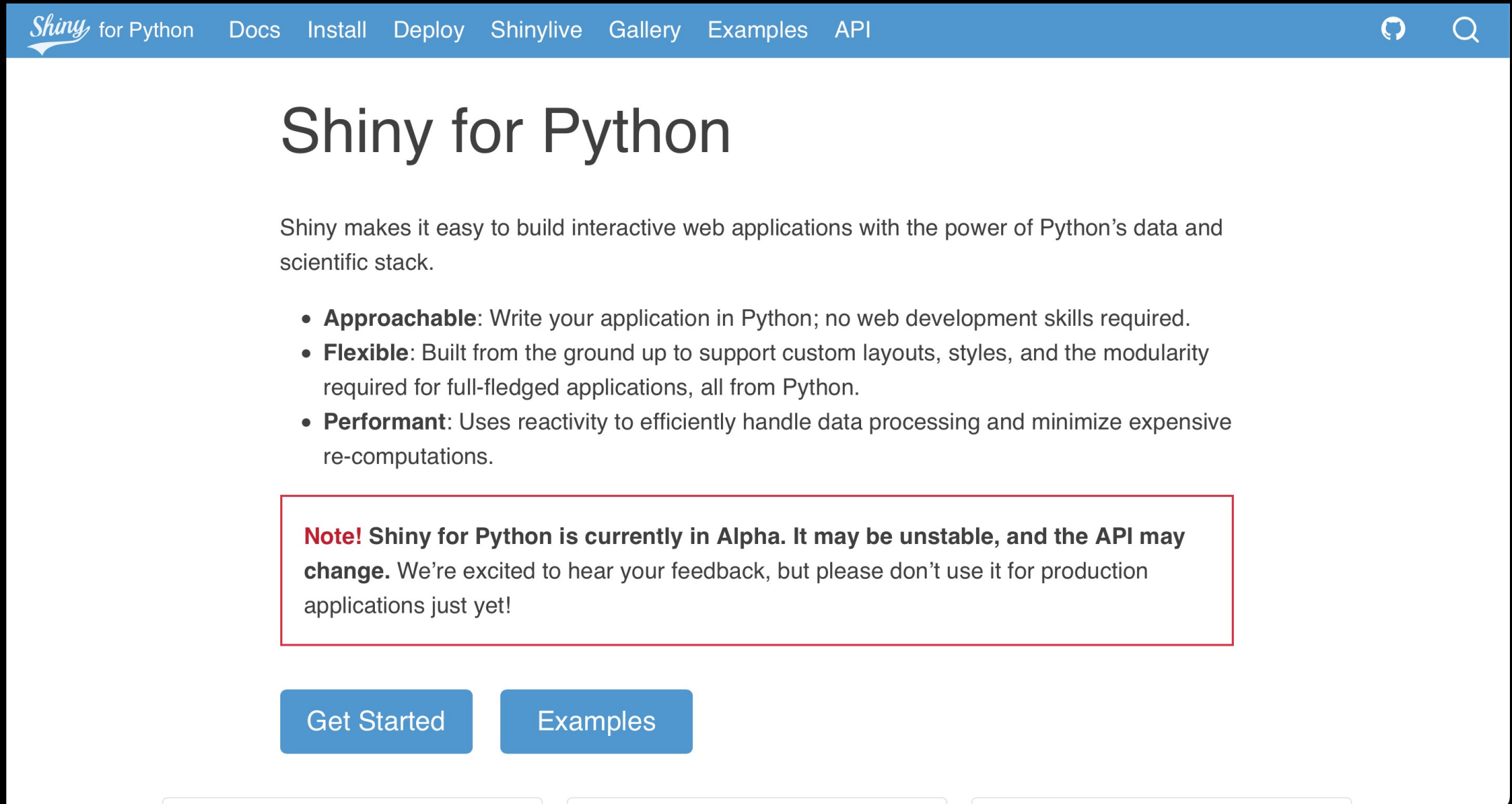- Was more robust
- Did more *web stuff*
- Wasn't in shiny?

# … wasn't in shiny

# I sure wish my shiny app…

- Looked better
- Was more robust
- Did more *web stuff*
- Wasn't in shiny?
- Wasn't in R?

# … wasn't in R?



Shiny for Python — Docs | Install | Deploy | Shinylive | Gallery | Examples | API

# Shiny for Python

Shiny makes it easy to build interactive web applications with the power of Python's data and scientific stack.

- **Approachable**: Write your application in Python; no web development skills required.
- **Flexible**: Built from the ground up to support custom layouts, styles, and the modularity required for full-fledged applications, all from Python.
- **Performant**: Uses reactivity to efficiently handle data processing and minimize expensive re-computations.

**Note!** **Shiny for Python is currently in Alpha. It may be unstable, and the API may change.** We're excited to hear your feedback, but please don't use it for production applications just yet!

Get Started      Examples

https://shiny.rstudio.com/py/