A Brief Introduction to R-Shiny and Dashboards

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Agenda

1. Introduction to R-Shiny and Dashboards
2. Examples of R-Shiny
3. Making our first R-Shiny dashboard
4. A few rules for dashboards
5. How do I learn more?

Introduction to R-Shiny and Dashboards

What are dashboards?

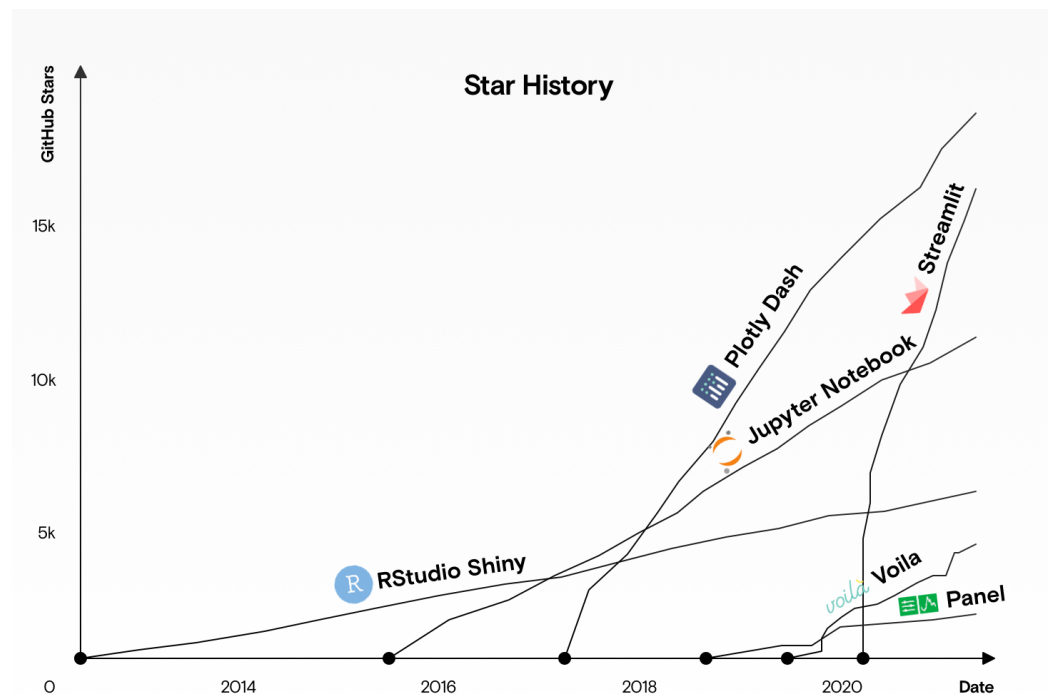Opinionated views for decision making that facilitate user input.

What is R-Shiny?

An interactive approach for narrating data stories using R.

Shiny is an R package that makes it easy to build interactive web apps straight from R.

[RStudio Shiny website](#)
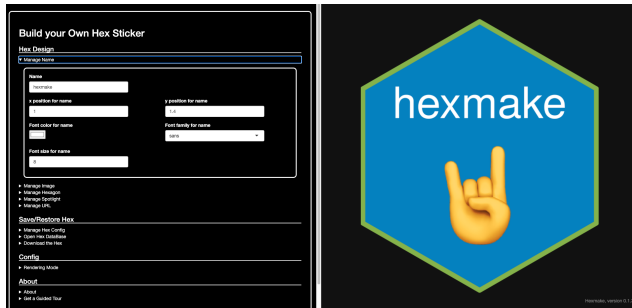
What are the alternatives to R-Shiny?

reference

Dos and Don'ts for Dashboards

Examples of R-Shiny

Build your Own Hex Sticker

- *The app's purpose is clear.*
- *Overwhelming inputs are hidden until they are needed.*
- GitHub Repo

[Datify: Spotify Music](#)

- *The search input invites use.*
- *Buttons are big, clear, and organized.*

Radiant: Interactive 'Software' for Modeling

- *Lot's of functionality through drop-down menus.*
- *General purpose application for modeling.*
- GitHub Repo

[RStudio Shiny Gallery](.)

Making our first R-Shiny dashboard

A few rules for dashboards

Understand your user

Define your production environment

Design with a purpose

How do I learn more?

Online Reading Material

- [Mastering Shiny](#)
- [Learn Shiny](#)
- [Use shinydashboard](#)
- [Engineering Production-Grade Shiny Apps](#)
- [shinyjs](#)
- [shinydashboards](#)
- [stat545 Shiny Tutorial](#)
- [YouTube: A Gentle Introduction to Creating R Shiny Webb Apps](#)

Short Courses

- [Building Web Applications with Shiny in R](#)
- [Shiny Fundamentals with R](#)
- [Building Data Apps with R and Shiny: Essential Training](#)
- [Creating Interactive Presentations with Shiny and R](#)
- [Interactive Visualization with R](#)