Intro to Shiny

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# Overview

## Shiny app anatomy

* ui
* server
* app.R

## User Interface (UI)

* layouts
  + fluidPage()
  + shinydashboard
* input options
  + sliderInput()
  + selectInput()
  + checkboxInput()
  + textInput()
  + textAreaInput()

## Server

* building reactive()s
* linking inputs and outputs
  + render\_\*() functions

## flexdashboard

* Recap rmarkdown
* What belongs in a dashboard?

## Layouts

* Sidebars
* Columns
* Rows
* Pages
* Tabs

## shiny + flexdashboard

* Converting from flexdashboard to shiny app`
* Combining shiny reactivity with flexdashboard

## Packages

* inspectdf package
  + graphs, syntax
* reactable package
  + table displays

## Themes

* Bootstrap themes