

# Using Shiny to Build Web Applications

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# Present Your Work

- Link to the publication or other write up
- put you code and test data on a repository like GitHub
- produce an R package and post it to CRAN
- build an application that implements your methods

# Shiny Overview

- Every Shiny app has `ui.R` and `server.R` files. These files implement the user interface and the working part of the application
- You create a Shiny application by making a new directory and saving the `ui.R` and `server.R` files inside it.
- You can run a Shiny app by giving the name of its directory to the R function `runApp()`

# Deploy the Application

- Purpose: make the application available to anyone on the Internet.
- Using <https://www.shinyapps.io/>

# Some Examples

- <https://cqs.mc.vanderbilt.edu/shiny/RiskPrediction/>
- <http://10.151.20.171:6922/>

# Questions?

- Thanks
- Presentation notes:  
<http://biostat.mc.vanderbilt.edu/wiki/Main/ShinyPresentationNotes>
- These slides are attached to the presentation topic.