

Instructions

This assignment has two parts. First, you will create a Shiny application and deploy it on Rstudio's servers. Second, you will use Slidify, Rstudio Presenter or RMD presentation to prepare a reproducible pitch presentation about your application.

Your Shiny Application

1. Write a shiny application with associated supporting documentation. The documentation should be thought of as whatever a user will need to get started using your application.
2. Deploy the application on ShinyApps.io shiny server
3. Share your server.R and ui.R code on github

The application must include the following:

1. Some form of input (widget: textbox, radio button, checkbox, ...)
2. Some operation on the ui input in server.R
3. Some reactive output displayed as a result of server calculations
4. You must also include enough documentation so that a novice user could use your application.
5. The documentation should be at the Shiny website itself. Do not post to an external link.

The Shiny application in question is entirely up to you. However, if you're having trouble coming up with ideas, you could start from exploring one of the R datasets packages. You should emphasize a simple project given the short time frame.

Your Reproducible Pitch Presentation

OK, you've made your shiny app, now it's time to make your pitch. You get 5 slides (inclusive of the title slide) to pitch your app. You're going to create a web page using Slidy with an html5 slide deck.

Here's what you need

1. 5 slides maximum to pitch our idea done in Slidify, Rstudio Presenter or RMD presentation
2. Your presentation pushed to github

Your presentation must satisfy the following

1. It must be done in Slidify, Rstudio Presenter or RMD presentation
2. It must be **less than** 5 pages
3. It must be published to Rpubs and to the same github repo
4. It must contain some embedded R code that gets run when presenting the document