

BeVera

COURSE OUTLINE

Applications in R Shiny

Courses Overview

R Shiny allows you to create cutting-edge interactive web-graphics. Regardless of your background, Shiny will allow you to present your data in new and innovative ways. From the Shiny documentation, "Shiny makes it incredibly easy to build interactive web applications with R. Automatic 'reactive' binding between inputs and outputs and extensive pre-built widgets makes it possible to build beautiful, responsive, and powerful applications with minimal efforts.

Intended Audience

This course is intended for data analysts, data scientists, and researchers who perform computational analysis and want to improve input features to better train a model. Proficiency in R is needed, with familiarity to Exploratory Data Analysis (EDA) and Markdown.

Prerequisites

Attendees must download the R and RStudio IDE onto their personal laptops. The websites for downloading both tools are below.

www.r-project.org

www.rstudio.com

Learning Objective

- Explore R Shiny's User Interface (UI) and Server functions
- Learn the inputs and outputs of a Shiny App
- Dynamically create graphics using Shiny's reactive features
- Customize the widgets, reactions and appearance of your app
- Build and deploy your own Shiny app for further use
- Share your Shiny app as a script or web pages



For scheduling and/or assistance
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