



Web Application Development with R Using Shiny - Second Edition

By Chris Beeley

Download now

Read Online ➔

Web Application Development with R Using Shiny - Second Edition By Chris Beeley

Key Features

- Use Shiny's built-in functions to produce engaging user interfaces, and integrate them into your own web pages
- Implement powerful user-contributed packages to access graphics from the web, make your own dashboards, use interactive maps, and more
- Extend Shiny using JavaScript and jQuery with minimal coding using this handy, step-by-step guide

Book Description

R is a highly flexible and powerful tool for analyzing and visualizing data. Most of the applications built using various libraries with R are desktop-based. But what if you want to go on the web? Here comes Shiny to your rescue!

Shiny allows you to create interactive web applications using the excellent analytical and graphical capabilities of R. This book will guide you through basic data management and analysis with R through your first Shiny application, and then show you how to integrate Shiny applications with your own web pages. Finally, you will learn how to finely control the inputs and outputs of your application, along with using other packages to build state-of-the-art applications, including dashboards.

What you will learn

- Build interactive applications using Shiny's built-in widgets
- Use the built-in layout functions in Shiny to produce user-friendly applications
- Integrate Shiny applications with web pages and customize them using HTML and CSS
- Harness the power of JavaScript and jQuery to customize your applications
- Engage your users and build better analytics using interactive plots
- Debug your applications using Shiny's built-in functions
- Deliver simple and powerful analytics across your organization using Shiny

dashboards

- Share your applications with colleagues or over the Internet using cloud services or your own server

About the Author

Chris Beeley works for Nottinghamshire Healthcare NHS Trust as the lead analyst and programmer for staff and patient experience. He uses a variety of open source tools (PHP/MySQL, Apache, R, Shiny, and Ubuntu) to collect, collate, analyze, and report on patient and staff experience throughout the organization. He was the author of the previous edition of this book.

He has been a keen user of R and a passionate advocate of open source tools in research and healthcare settings, having completed his PhD. He has made extensive use of R (and Shiny) to automate analysis and report on a new patient feedback website. This was funded by a grant from the NHS Institute for Innovation and made in collaboration with staff, service users, and carers within the Trust, particularly individuals from the Involvement Centre.

Table of Contents

1. Getting Started with R and Shiny!
2. Building Your First Application
3. Building Your Own Web Pages with Shiny
4. Taking Control of Reactivity, Inputs, and Outputs
5. Advanced Applications I – Dashboards
6. Advanced Applications II – Using JavaScript Libraries in Shiny Applications
7. Sharing Your Creations

 [Download Web Application Development with R Using Shiny - S ...pdf](#)

 [Read Online Web Application Development with R Using Shiny - ...pdf](#)

Web Application Development with R Using Shiny - Second Edition

By Chris Beeley

Web Application Development with R Using Shiny - Second Edition By Chris Beeley

Key Features

- Use Shiny's built-in functions to produce engaging user interfaces, and integrate them into your own web pages
- Implement powerful user-contributed packages to access graphics from the web, make your own dashboards, use interactive maps, and more
- Extend Shiny using JavaScript and jQuery with minimal coding using this handy, step-by-step guide

Book Description

R is a highly flexible and powerful tool for analyzing and visualizing data. Most of the applications built using various libraries with R are desktop-based. But what if you want to go on the web? Here comes Shiny to your rescue!

Shiny allows you to create interactive web applications using the excellent analytical and graphical capabilities of R. This book will guide you through basic data management and analysis with R through your first Shiny application, and then show you how to integrate Shiny applications with your own web pages. Finally, you will learn how to finely control the inputs and outputs of your application, along with using other packages to build state-of-the-art applications, including dashboards.

What you will learn

- Build interactive applications using Shiny's built-in widgets
- Use the built-in layout functions in Shiny to produce user-friendly applications
- Integrate Shiny applications with web pages and customize them using HTML and CSS
- Harness the power of JavaScript and jQuery to customize your applications
- Engage your users and build better analytics using interactive plots
- Debug your applications using Shiny's built-in functions
- Deliver simple and powerful analytics across your organization using Shiny dashboards
- Share your applications with colleagues or over the Internet using cloud services or your own server

About the Author

Chris Beeley works for Nottinghamshire Healthcare NHS Trust as the lead analyst and programmer for staff and patient experience. He uses a variety of open source tools (PHP/MySQL, Apache, R, Shiny, and Ubuntu) to collect, collate, analyze, and report on patient and staff experience throughout the organization. He was the author of the previous edition of this book.

He has been a keen user of R and a passionate advocate of open source tools in research and healthcare settings, having completed his PhD. He has made extensive use of R (and Shiny) to automate analysis and report on a new patient feedback website. This was funded by a grant from the NHS Institute for Innovation

and made in collaboration with staff, service users, and carers within the Trust, particularly individuals from the Involvement Centre.

Table of Contents

1. Getting Started with R and Shiny!
2. Building Your First Application
3. Building Your Own Web Pages with Shiny
4. Taking Control of Reactivity, Inputs, and Outputs
5. Advanced Applications I – Dashboards
6. Advanced Applications II – Using JavaScript Libraries in Shiny Applications
7. Sharing Your Creations

Web Application Development with R Using Shiny - Second Edition By Chris Beeley Bibliography

- Sales Rank: #657946 in eBooks
- Published on: 2016-01-29
- Released on: 2016-01-29
- Format: Kindle eBook

 [Download Web Application Development with R Using Shiny - S ...pdf](#)

 [Read Online Web Application Development with R Using Shiny - ...pdf](#)

Editorial Review

About the Author

Chris Beeley

Chris Beeley works for Nottinghamshire Healthcare NHS Trust as the lead analyst and programmer for staff and patient experience. He uses a variety of open source tools (PHP/MySQL, Apache, R, Shiny, and Ubuntu) to collect, collate, analyze, and report on patient and staff experience throughout the organization. He was the author of the previous edition of this book. He has been a keen user of R and a passionate advocate of open source tools in research and healthcare settings, having completed his PhD. He has made extensive use of R (and Shiny) to automate analysis and report on a new patient feedback website. This was funded by a grant from the NHS Institute for Innovation and made in collaboration with staff, service users, and carers within the Trust, particularly individuals from the Involvement Centre.

Users Review

From reader reviews:

David Lussier:

Why don't make it to become your habit? Right now, try to ready your time to do the important work, like looking for your favorite reserve and reading a e-book. Beside you can solve your condition; you can add your knowledge by the reserve entitled Web Application Development with R Using Shiny - Second Edition. Try to the actual book Web Application Development with R Using Shiny - Second Edition as your close friend. It means that it can for being your friend when you really feel alone and beside regarding course make you smarter than ever before. Yeah, it is very fortunated for yourself. The book makes you a lot more confidence because you can know everything by the book. So , we should make new experience as well as knowledge with this book.

Charles Collier:

Reading a e-book can be one of a lot of action that everyone in the world adores. Do you like reading book consequently. There are a lot of reasons why people love it. First reading a guide will give you a lot of new information. When you read a reserve you will get new information because book is one of a number of ways to share the information or maybe their idea. Second, studying a book will make an individual more imaginative. When you reading a book especially fictional works book the author will bring one to imagine the story how the people do it anything. Third, you could share your knowledge to some others. When you read this Web Application Development with R Using Shiny - Second Edition, it is possible to tells your family, friends in addition to soon about yours reserve. Your knowledge can inspire different ones, make them reading a reserve.

Michael Kendig:

The book with title Web Application Development with R Using Shiny - Second Edition possesses a lot of information that you can learn it. You can get a lot of profit after read this book. This kind of book exist new expertise the information that exist in this book represented the condition of the world at this point. That is important to yo7u to be aware of how the improvement of the world. This kind of book will bring you within new era of the internationalization. You can read the e-book on your own smart phone, so you can read that anywhere you want.

Nancy Thornton:

Do you like reading a book? Confuse to looking for your best book? Or your book had been rare? Why so many query for the book? But just about any people feel that they enjoy for reading. Some people likes reading, not only science book but in addition novel and Web Application Development with R Using Shiny - Second Edition as well as others sources were given understanding for you. After you know how the good a book, you feel desire to read more and more. Science e-book was created for teacher or students especially. Those publications are helping them to put their knowledge. In additional case, beside science reserve, any other book likes Web Application Development with R Using Shiny - Second Edition to make your spare time far more colorful. Many types of book like this one.

Download and Read Online Web Application Development with R Using Shiny - Second Edition By Chris Beeley #QTVACEWJD01

Read Web Application Development with R Using Shiny - Second Edition By Chris Beeley for online ebook

Web Application Development with R Using Shiny - Second Edition By Chris Beeley Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Web Application Development with R Using Shiny - Second Edition By Chris Beeley books to read online.

Online Web Application Development with R Using Shiny - Second Edition By Chris Beeley ebook PDF download

Web Application Development with R Using Shiny - Second Edition By Chris Beeley Doc

Web Application Development with R Using Shiny - Second Edition By Chris Beeley Mobipocket

Web Application Development with R Using Shiny - Second Edition By Chris Beeley EPub