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Titolo	Learning RStudio for R statistical computing [[electronic resource]] : learn to effectively perform R development, statistical analysis, and reporting with the most popular R IDE / / Mark P. J. van der Loo, Edwin de Jonge
Pubbl/distr/stampa	Birmingham, UK : , : Packt Pub., , 2012
ISBN	1-68015-356-0 1-283-93785-9 1-78216-061-2
Descrizione fisica	1 online resource (126 pages)
Collana	Community experience distilled
Altri autori (Persone)	JongeEdwin de <1972->
Disciplina	005.4
Soggetti	Statistics - Computer programs Information visualization R (Computer program language)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover; Copyright; Credits; About the Authors; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: Getting Started; RStudio at a glance; Installing RStudio; Installing R; Installing R on Windows and Mac OS X; Installing R on Linux; Building R from source; Building R using Windows; Installing RStudio; Installing RStudio Server; Installing R packages; Overview: A first R session; Keyboard shortcuts; Getting help; What if I uninstall RStudio?; Further reading; Summary; Chapter 2: Writing R Scripts and the R Console; Moving around RStudio; Features of the R console Executing commandsCommand history; Command completion; Completion of functions and arguments; Object completion; Completion of filenames; Keyboard shortcuts for the console; Features of the source editor; Editing R scripts; Syntax highlighting; Indenting code; Commenting code; Find and replace; Folding, sectioning, and navigation; Code folding; Code navigation; Code sections; Code execution; Summary; Chapter 3: Viewing and Plotting Data; Viewing data and the object browser; Plotting; Zoom; Export; Navigation;

Interactive plotting with the manipulate package; The manipulate function
Using more options of manipulateAdvanced topic: retrieving plot parameters from manipulate; Summary; Chapter 4: Managing R Projects; R projects; Creating an R project; Directory structure and file manipulations; Version control; Introduction to version control; Installing GIT or Subversion; Version control for single-person projects; GIT; Subversion; Working with a team; Further reading; Summary; Chapter 5: Generating Reports; Prerequisites for report generation; Notebook; Notebook options; Publishing a notebook; R Markdown and Rhtml; Workflow for R Markdown; An extended example
An introduction to Markdown syntaxRhtml; Code chunks; Chunk syntax and options; RMarkdown: .Rmd files; Rhtml: .Rhtml files; LaTeX: .Rnw files; RStudio's chunk support and keyboard shortcuts; LaTeX; Further reading; Summary; Chapter 6: Using RStudio Effectively; Additional features for function writing; Function extraction; Function navigation; Introduction to package writing; Prerequisites; Basic structure and workflow; Creating the package directory structure; Documenting functions with Roxygen2; Building your package with devtools; More about the devtools package; Publishing your package
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Sommario/riassunto

A practical tutorial covering how to leverage RStudio functionality to effectively perform R Development, analysis, and reporting with RStudio. The book is aimed at R developers and analysts who wish to do R statistical development while taking advantage of RStudio functionality to ease their development efforts. Familiarity with R is assumed. Those who want to get started with R development using RStudio will also find the book useful. Even if you already use R but want to create reproducible statistical analysis projects or extend R with self-written packages, this book shows how to quickly