



# Data Manipulation with R

*Jaynal Abedin*

Download now

[Click here](#) if your download doesn't start automatically

# Data Manipulation with R

*Jaynal Abedin*

**Data Manipulation with R** Jaynal Abedin  
**Perform groupwise data manipulation and deal with large datasets using R efficiently and effectively**

## About This Book

- Perform factor manipulation and string processing
- Learn group-wise data manipulation using plyr
- Handle large datasets, interact with database software, and manipulate data using sqldf

## Who This Book Is For

This book is aimed at intermediate to advanced level users of R who want to perform data manipulation with R, and those who want to clean and aggregate data effectively. Readers are expected to have at least an introductory knowledge of R and some basic administration work in R, such as installing packages and calling them when required.

## What You Will Learn

- Learn R data types and their basic operations
- Deal efficiently with string, factor, and date
- Understand group-wise data manipulation
- Work with different layouts of the R dataset and interchange between layouts for different purposes
- Connect R with database software to manage relational databases
- Manage bigger datasets using R
- Manipulate datasets using SQL statements through the sqldf package

## In Detail

One of the most important aspects of computing with data is the ability to manipulate it to enable subsequent analysis and visualization. R offers a wide range of tools for this purpose. Data from any source, be it flat files or databases, can be loaded into R and this will allow you to manipulate data format into structures that support reproducible and convenient data analysis.

This practical, example-oriented guide aims to discuss the split-apply-combine strategy in data manipulation, which is a faster data manipulation approach. After reading this book, you will not only be able to efficiently manage and check the validity of your datasets with the split-apply-combine strategy, but you will also learn to handle larger datasets.

This book starts with describing the R object's mode and class, and then highlights different R data types,

explaining their basic operations. You will focus on group-wise data manipulation with the split-apply-combine strategy, supported by specific examples. You will also learn to efficiently handle date, string, and factor variables along with different layouts of datasets using the reshape2 package. You will learn to use plyr effectively for data manipulation, truncating and rounding data, simulating data sets, as well as character manipulation. Finally you will get acquainted with using R with SQL databases.

 [Download Data Manipulation with R ...pdf](#)

 [Read Online Data Manipulation with R ...pdf](#)

## Download and Read Free Online Data Manipulation with R Jaynal Abedin

---

### From reader reviews:

#### **Cory Kyle:**

What do you ponder on book? It is just for students as they are still students or the item for all people in the world, the actual best subject for that? Just simply you can be answered for that query above. Every person has different personality and hobby for every other. Don't to be compelled someone or something that they don't would like do that. You must know how great as well as important the book Data Manipulation with R. All type of book could you see on many methods. You can look for the internet resources or other social media.

#### **Victor Banister:**

The knowledge that you get from Data Manipulation with R will be the more deep you looking the information that hide inside words the more you get serious about reading it. It doesn't mean that this book is hard to recognise but Data Manipulation with R giving you excitement feeling of reading. The author conveys their point in selected way that can be understood through anyone who read that because the author of this guide is well-known enough. This book also makes your own personal vocabulary increase well. It is therefore easy to understand then can go along with you, both in printed or e-book style are available. We propose you for having this kind of Data Manipulation with R instantly.

#### **Macie Tiffany:**

Reading a reserve can be one of a lot of activity that everyone in the world loves. Do you like reading book therefore. There are a lot of reasons why people enjoy it. First reading a guide will give you a lot of new information. When you read a e-book you will get new information because book is one of various ways to share the information or perhaps their idea. Second, examining a book will make you actually more imaginative. When you examining a book especially fiction book the author will bring someone to imagine the story how the people do it anything. Third, you are able to share your knowledge to other folks. When you read this Data Manipulation with R, you could tells your family, friends in addition to soon about yours book. Your knowledge can inspire the mediocre, make them reading a reserve.

#### **Jose Hackler:**

This Data Manipulation with R is new way for you who has fascination to look for some information given it relief your hunger of knowledge. Getting deeper you upon it getting knowledge more you know otherwise you who still having bit of digest in reading this Data Manipulation with R can be the light food in your case because the information inside this book is easy to get by anyone. These books produce itself in the form and that is reachable by anyone, sure I mean in the e-book application form. People who think that in guide form make them feel sleepy even dizzy this reserve is the answer. So there isn't any in reading a publication especially this one. You can find what you are looking for. It should be here for you actually. So , don't miss that! Just read this e-book type for your better life along with knowledge.

**Download and Read Online Data Manipulation with R Jaynal  
Abedin #GH9RY5PIJCT**

# **Read Data Manipulation with R by Jaynal Abedin for online ebook**

Data Manipulation with R by Jaynal Abedin 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 Data Manipulation with R by Jaynal Abedin books to read online.

## **Online Data Manipulation with R by Jaynal Abedin ebook PDF download**

### **Data Manipulation with R by Jaynal Abedin Doc**

### **Data Manipulation with R by Jaynal Abedin Mobipocket**

### **Data Manipulation with R by Jaynal Abedin EPub**