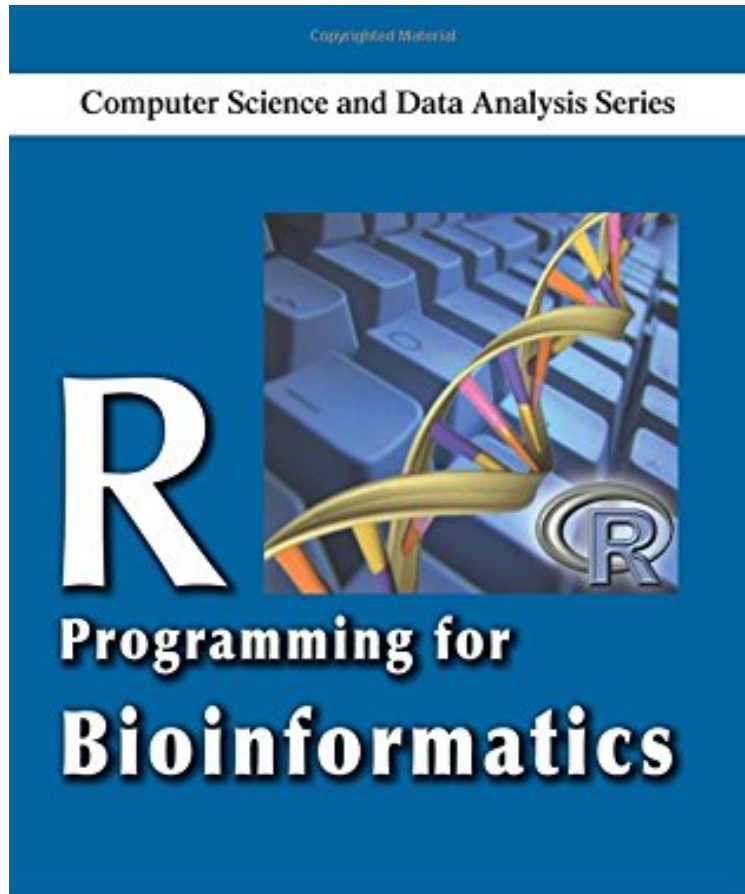


R Programming for Bioinformatics (Chapman Hall/CRC Computer Science Data Analysis)

Robert Gentleman


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Robert Gentleman : R Programming for Bioinformatics (Chapman Hall/CRC Computer Science Data Analysis) before purchasing it in order to gage whether or not it would be worth my time, and all praised R Programming for Bioinformatics (Chapman Hall/CRC Computer Science Data Analysis):

0 of 0 people found the following review helpful. This book is great for R in relation to BioinformaticsBy Carmen

W. This book is great for R in relation to Bioinformatics. However, if you don't have much experience with R, it would be best to start with a more introductory book. 0 of 1 people found the following review helpful. Decent book
By OracleMy only concern is that it at various stages the book feels like a programming book on S instead of on R. It needs better editing... content wise its decent a good starting point!! Particularly god thing is that you don't have type in all the code when you are practicing, you can download written code from the CRAN website!! 1 of 1 people found the following review helpful. A useful reference
By Technophobe01 Personally, I have found this book to be very useful. Chapter 9, which covers the specifics of debugging in R really helped me get a sound knowledge of how to debug in R. It also does a nice job of explaining the lapply() family of functions in the context of Bioinformatics. The purpose of the book is pretty specific - "To provide a reference for Scientists and programmers working on problems in the bioinformatics and computational biology" - in that context I feel it did and continues to be a good reference. The chapters on debugging (9) and data technologies (8) at least for me was super helpful. Nb. I purchased a paper copy of this book and have access to it online via a subscription service.

Due to its data handling and modeling capabilities as well as its flexibility, R is becoming the most widely used software in bioinformatics. R Programming for Bioinformatics explores the programming skills needed to use this software tool for the solution of bioinformatics and computational biology problems. Drawing on the authors first-hand experiences as an expert in R, the book begins with coverage on the general properties of the R language, several unique programming aspects of R, and object-oriented programming in R. It presents methods for data input and output as well as database interactions. The author also examines different facets of string handling and manipulations, discusses the interfacing of R with other languages, and describes how to write software packages. He concludes with a discussion on the debugging and profiling of R code. With numerous examples and exercises, this practical guide focuses on developing R programming skills in order to tackle problems encountered in bioinformatics and computational biology.