Instant Heat Maps in R How-to

Von Sebastian Raschka
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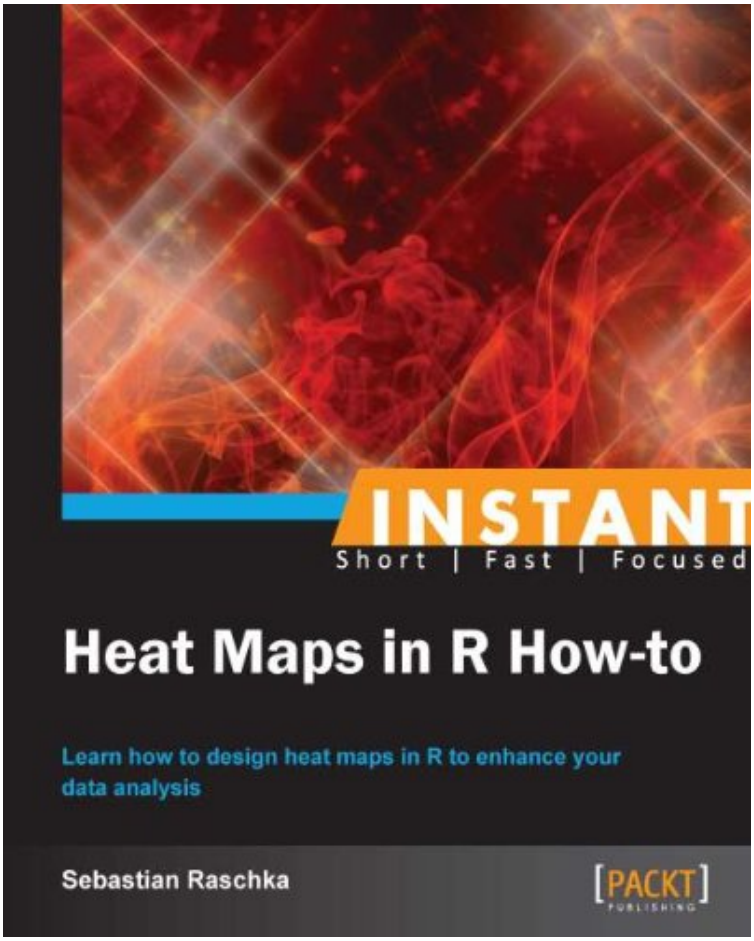

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Von Sebastian Raschka : Instant Heat Maps in R How-to before purchasing it in order to gage whether or not it would be worth my time, and all praised Instant Heat Maps in R How-to:

KundenrezensionenHilfreichste Kundenrezensionen2 von 2 Kunden fanden die folgende Rezension hilfreich. Gutes BuchVon HuckleberryGefllt mir sehr gut, da sehr praxisorientiert und kurz gefasst. Eigentlich alles was man braucht um direkt seine eigenen Heat maps zu erstellen. Besonders die Abbildungen haben mir sehr gut gefallen.Das einzige was ich zu kritisieren htte wren die Auswahl der Beispiele. Htte mir gewnscht, dass vielleicht Microarray Datenstze verwendet worden wren, da es eines der Hauptanwendungsgebiete fr Heat maps ist. Aber auch mit den vorhandenen Beispielen kann man den Code aber gut transferieren und anpassen.Das Inhaltsverzeichnis htte vielleicht mehr Unterpunkte haben knnen, damit man direkt zu den relevanten Stellen springen kann, aber sonst top!1 von 1 Kunden fanden die folgende Rezension hilfreich. Kurz aber gut!Von LysinHabe viel im Internet recherchiert wie man gute Heat maps in R erstellen kann, leider findet man nur kurze und komplizierte Blogeintrge.Hab darunter auch dieses Buch gefunden und mir die Kindleversion gekauft. Muss sagen, dass dort wirklich alles sehr ausfhrlich und detailreich

erlutert wird, so dass auch ich als R-Newbie gut zurecht kam, um meine Heat map zu erstellen.Nett auch die Kapitel ber Choropleth maps, wo man Weltkarten erstellen kann, und das Programm wie man seine Heat maps interaktiv im Internet darstellen kann. Werde bestimmt irgendwann darauf zurckkommen.

KurzbeschreibungIn DetailR has grown rapidly over the years to become one of the most versatile and valuable tools for data analysis and graphing. One of its many useful features is the heat map representation of numerical data, which is an invaluable tool to discover patterns in data quickly and efficiently.Instant Heat Maps in R: How-to provides you with practical recipes to create heat maps of all difficulty levels by yourself right from the start. At the end of each recipe, you will find an in-depth analysis that will equip you with everything you need to know to frame the code to your own needs.Instant Heat Maps in R will present you with all the different heat map plotting functions that exist in R. You will start by creating simple heat maps before moving on to learn how to add more features to them. While you advance step-by-step through the well-connected recipes, you will find out which tool suits the given situation best. You will learn how to read data from popular file formats and how to format the data to create heat maps as well as the ways to export them for presentation.ApproachFilled with practical, step-by-step instructions and clear explanations for the most important and useful tasks. Heat Maps in R: How-to is an easy to understand book that starts with a simple heat map and takes you all the way through to advanced heat maps with graphics and data manipulation.Who this book is forHeat Maps in R: How-to is the book for you if you want to make use of this free and open source software to get the most out of your data analysis. You need to have at least some experience in using R and know how to run basic scripts from the command line. However, knowledge of other statistical scripting languages such as Octave, S-Plus, or MATLAB will suffice to follow along with the recipes. You need not be from a statistics background.KurzbeschreibungIn DetailR has grown rapidly over the years to become one of the most versatile and valuable tools for data analysis and graphing. One of its many useful features is the heat map representation of numerical data, which is an invaluable tool to discover patterns in data quickly and efficiently.Instant Heat Maps in R: How-to provides you with practical recipes to create heat maps of all difficulty levels by yourself right from the start. At the end of each recipe, you will find an in-depth analysis that will equip you with everything you need to know to frame the code to your own needs.Instant Heat Maps in R will present you with all the different heat map plotting functions that exist in R. You will start by creating simple heat maps before moving on to learn how to add more features to them. While you advance step-by-step through the well-connected recipes, you will find out which tool suits the given situation best. You will learn how to read data from popular file formats and how to format the data to create heat maps as well as the ways to export them for presentation.ApproachFilled with practical, step-by-step instructions and clear explanations for the most important and useful tasks. Heat Maps in R: How-to is an easy to understand book that starts with a simple heat map and takes you all the way through to advanced heat maps with graphics and data manipulation.Who this book is forHeat Maps in R: How-to is the book for you if you want to make use of this free and open source software to get the most out of your data analysis. You need to have at least some experience in using R and know how to run basic scripts from the command line. However, knowledge of other statistical scripting languages such as Octave, S-Plus, or MATLAB will suffice to follow along with the recipes. You need not be from a statistics background.ber den Autor und weitere MitwirkendeSebastian Raschka is a PhD student at Michigan State University and is pursuing a doctorate in Biochemistry and Computer Science. He works in the field of protein structure modeling and is focused on the specificity of protein-ligand interactions. His research involves the development of a protein-ligand docking software based on a novel approach, where he combines the fields of machine learning, pattern recognition, and data mining. In his free time, Sebastian works on web development and uses JavaScript among other technologies to develop web applications that are used by Bioinformaticians and Computational Biologists.