

R Graphs Cookbook

Over 70 recipes for building and customizing publication-quality visualizations of powerful and stunning R graphs



R Graphs Cookbook Second Edition Mittal Hrishi V

Rodrigo Branas, Chandermani, , Matt Frisbie, Amos Q. Haviv

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step by step examples that will lead you through the best practices of AngularJS After a brief introduction you will learn how to create reusable components with directives You will then take a look at many data handling techniques discover a complete set of technologies that are capable to accomplish any challenge related to present transform and validate data on the user's interface Finally you will discover the best way to deal with the scope and how to break up the application into separate modules giving rise to reusable and interchangeable libraries With this you ve crossed a milestone and are about to enter the world of learning by example In the next part Learning AngularJS By Example you will learn how to effectively build apps using the Angular S platform You will be building multiple apps on this platform ranging from simple ones to more complex ones In this module you will roll up your coding sleeves and create a serious AngularJS application by example a rich featured workout app Take the coding a step at a time at first then once you re coding a full app in this module a lot of AngularJS will fall right into place for you The third module AngularJS Web Application Development Cookbook will get you accustomed to the Angular S concept armed with a solid understanding of how it works insight into the best ways to wield it in real world applications and annotated code examples It is a rich library of AngularJS coding solutions that you can use straight away in your own code projects You are just a step away from completing this learning path of Angular S The name of the next part MEAN Web Development itself assures that you are nearing the destination The idea is simple with this part you ll take MongoDB as the database Express as the web framework AngularJS as the frontend framework and Node js as the platform and combine them together in a modular approach that will ensure the flexibility needed in modern software development This is also your graduation to full stack web development which can open many new coding and career opportunities for you Style and approach Get up to speed building AngularJS applications then improve and scale full stack web applications using the existing Angular IS framework without the trouble of migrating to Angular 2 Data Visualisation with R Thomas Rahlf, 2019-11-23 This book introduces readers to the fundamentals of creating presentation graphics using R based on 111 detailed and complete scripts It shows how bar and column charts population pyramids Lorenz curves box plots scatter plots time series radial polygons Gantt charts heat maps bump charts mosaic and balloon charts and a series of different thematic map types can be created using R s Base Graphics System Every example uses real data and includes step by step explanations of the figures and their programming This second edition contains additional examples for cartograms chord diagrams and networks and interactive visualizations with Javascript The open source software R is an established standard and a powerful tool for various visualizing applications integrating nearly all technologies relevant for data visualization The basic software enhanced by more than 14000 extension packs currently freely available is intensively used by organizations including Google Facebook and the CIA The book serves as a comprehensive reference guide to a broad variety of applications in various fields This book is intended for all kinds of R users ranging from experts for whom especially the example codes are particularly useful to beginners who will find the finished graphics most helpful in learning

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