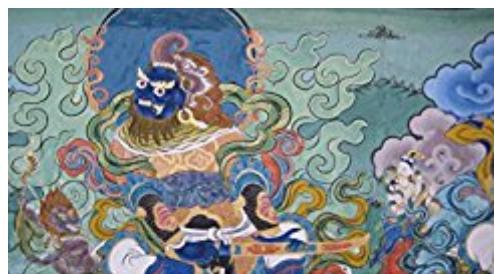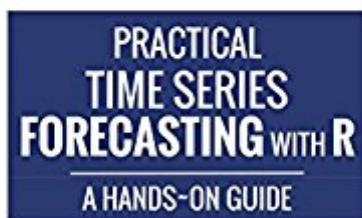The book was found

Practical Time Series Forecasting With R: A Hands-On Guide [2nd Edition] (Practical Analytics)

SECOND EDITION

PRACTICAL
TIME SERIES
FORECASTING WITH R
A HANDS-ON GUIDE

Galit Shmueli
Kenneth C. Lichtendahl Jr.

Synopsis

PRACTICAL TIME SERIES FORECASTING WITH R: A HANDS-ON GUIDE, SECOND EDITION provides an applied approach to time-series forecasting. Forecasting is an essential component of predictive analytics. The book introduces popular forecasting methods and approaches used in a variety of business applications.The book offers clear explanations, practical examples, and end-of-chapter exercises and cases. Readers will learn to use forecasting methods using the free open-source R software to develop effective forecasting solutions that extract business value from time-series data. Featuring improved organization and new material, the SECOND EDITION also includes:Ã¢ "Âª Popular forecasting methods including smoothing algorithms, regression models, and neural networksÃ¢ "Âª A practical approach to evaluating the performance of forecasting solutionsÃ¢ "Âª A business-analytics exposition focused on linking time-series forecasting to business goalsÃ¢ "Âª Guided cases for integrating the acquired knowledge using real dataÃ¢ "Âª End-of-chapter problems to facilitate active learningÃ¢ "Âª A companion site with data sets, R code, learning resources, and instructor materials (solutions to exercises, case studies)Ã¢ "Âª Globally-available textbook, available in both softcover and Kindle formats PRACTICAL TIME SERIES FORECASTING WITH R: A HANDS-ON GUIDE is the perfect textbook for upper-undergraduate, graduate and MBA-level courses as well as professional programs in data science and business analytics. The book is also designed for practitioners in the fields of operations research, supply chain management, marketing, economics, finance and management.For more information visit forecasting.comGALIT SHMUELI, PhD, is Distinguished Professor at the Institute of Service Science, National Tsing Hua University, Taiwan. She is co-author of the best-selling textbook Data Mining for Business Analytics, among other books and numerous publications in top journals. She has designed and instructed courses on forecasting, data mining, statistics and other data analytics topics at University of Maryland's Smith School of Business, the Indian School of Business, National Tsing Hua University and online at statistics.com. For more information visit galitshmueli.comKENNETH C. LICHTENDAHL JR. is an Associate Professor of Business Administration at the University of Virginia's Darden School of Business. He specializes in teaching data science to MBA students with R. He was recognized by The Case Centre as its 2015 Outstanding Case Teacher for his course Data Science in Business. His research focuses broadly on making, evaluating, and combining forecasts and has been published in leading academic journals such as Management Science.

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Customer Reviews

While the book does go into some detail in some aspects, it is mostly a summary of some of the time series concepts...The main focus here is univariate time series analysis and after some research online most of these concepts can be found online, really wish there was more detailed examples and multiple pictures to help interpret the acf and pacf plots which are a main component to evaluating ARIMA models

Very good book that details all the steps involved in forecasting.

The content is quite useful and well explained. I just wished that the book would include more examples and offer more in depth discussions, particularly as it relates to Neural Networks.

I have taught, and teach, a two-course data mining sequence for the MBA business analytics specialization at my university using Dr. ShmueliÃƒÂ¢Ã â¬Ã â„¢s Data Mining for Business Analytics and Practical Time Series Forecasting textbooks. Both the supporting materials and the textbooks are high-quality products that match up well with the mathematical facility and technical

skills of my students. The exposition is accessible to students with a wide range of backgrounds, and balanced between enough mathematics to explain the methods but not so much that it raises barriers to understanding. I looked far and wide for comparable texts, but I know of no other combination that meets the needs of my students as well as these two texts. I unhesitatingly recommend them both.

This is a summary of everything on forecasting with time series, without any details and practical code. The book is roughly 200 pages, with a cheap cover. It really don't worth the money spent on it.

Solid book value for money, covers every topic sufficiently with the right amount of information, and use of good data and resourcesl

Really hits the sweet spot for someone looking for a gentle introduction to time series modeling: it covers all the bases (smoothers, ARIMA etc.), compares the pros and cons of different methods, discusses validation and testing, includes example code so you can get started right away and has just enough mathematical notation to simplify the descriptions of the methods. It's succinct but not dumbed down. For how much it costs, you really can't go wrong here.

I don't love these book.The language and style is not very good.Some examples are in Excel and Tableau I think it is unnecessary.

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