



Practical Time Series Forecasting: A Hands-On Guide [2nd Edition]

By Galit Shmueli



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Practical Time Series Forecasting is a hands-on introduction to quantitative forecasting of time series. Quantitative forecasting is an important component of decision making in a wide range of areas and across many business functions including economic forecasting, workload projections, sales forecasts, and transportation demand. Forecasting is widely used also outside of business, such as in demography and climatology.

The book introduces readers to the most popular statistical models and data mining algorithms used in practice. It covers issues relating to different steps of the forecasting process, from goal definition through data collection, visualization, pre-processing, modeling, performance evaluation to implementation and communication. The second edition offers a large amount of new content and improved organization.

Practical Time Series Forecasting is suitable for courses on forecasting at the upper-undergraduate and graduate levels. It offers clear explanations, examples, end-of-chapter problems and a case. Methods are illustrated using XLMiner, an Excel add-on. However, any software that has time series forecasting capabilities can be used with the book.

A companion website to the book is available at www.ForecastingBook.com

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Editorial Review

Review

"The book is a little gem." - *FORESIGHT, The International Journal of Applied Forecasting*

About the Author

Galit Shmueli is Distinguished Professor at the Institute of Service Science, National Tsing Hua University, Taiwan. She is best known for her research and teaching in business analytics, with a focus on statistical and data mining methods for contemporary data and applications in information systems and healthcare. Dr. Shmueli's research has been published in the statistics, management, information systems, and marketing literature. She authors over seventy journal articles, books, textbooks and book chapters, including the popular textbook Data Mining for Business Intelligence and Practical Time Series Forecasting. Dr. Shmueli is an award-winning teacher and speaker on data analytics. She has taught at Carnegie Mellon University, University of Maryland, the Israel Institute of Technology, Statistics.com and the Indian School of Business. Her experience spans business and engineering students and professionals, both online and on-ground. Dr. Shmueli teaches courses on data mining, statistics, forecasting, data visualization, and industrial statistics. For more information, visit galitshmueli.com

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Laura Hargis:

The book Practical Time Series Forecasting: A Hands-On Guide [2nd Edition] has a lot of knowledge on it. So when you make sure to read this book you can get a lot of advantage. The book was compiled by the very famous author. This articles author makes some research prior to write this book. This book very easy to read you can get the point easily after looking over this book.

Karl Irwin:

In this period of time globalization it is important to someone to get information. The information will make anyone to understand the condition of the world. The health of the world makes the information better to share. You can find a lot of sources to get information example: internet, paper, book, and soon. You will see that now, a lot of publisher in which print many kinds of book. The actual book that recommended for you is Practical Time Series Forecasting: A Hands-On Guide [2nd Edition] this e-book consist a lot of the information with the condition of this world now. This specific book was represented how can the world has grown up. The language styles that writer value to explain it is easy to understand. The writer made some exploration when he makes this book. Here is why this book appropriate all of you.

Ryan Fox:

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Agatha Draper:

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