



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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Practical Time Series Forecasting: A Hands-On Guide [2nd Edition] By Galit Shmueli Bibliography

- Sales Rank: #1249608 in Books
- Published on: 2012-07-24
- Original language: English
- Number of items: 1
- Dimensions: 10.00" h x .46" w x 7.00" l, .80 pounds
- Binding: Paperback
- 202 pages



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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:

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Ryan Fox:

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