Practical Time Series Forecasting with R: A Hands-On Guide





A HANDS-ON GUIDE



Pages: 210

Genre: Uncategorized

Language English

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ISBN10: 0991576632

Goodreads Rating: 4.25

Published: July 17th 2015 by Axelrod

Schnall Publishers

ISBN13: 9780991576630

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PRACTICAL TIME SERIES FORECASTING WITH R 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. PRACTICAL TIME SERIES FORECASTING WITH R is suitable for courses on forecasting at the upper-undergraduate and graduate levels. It offers clear explanations, examples, end-of-chapter problems and cases. Methods are illustrated using the free and open-source software R.