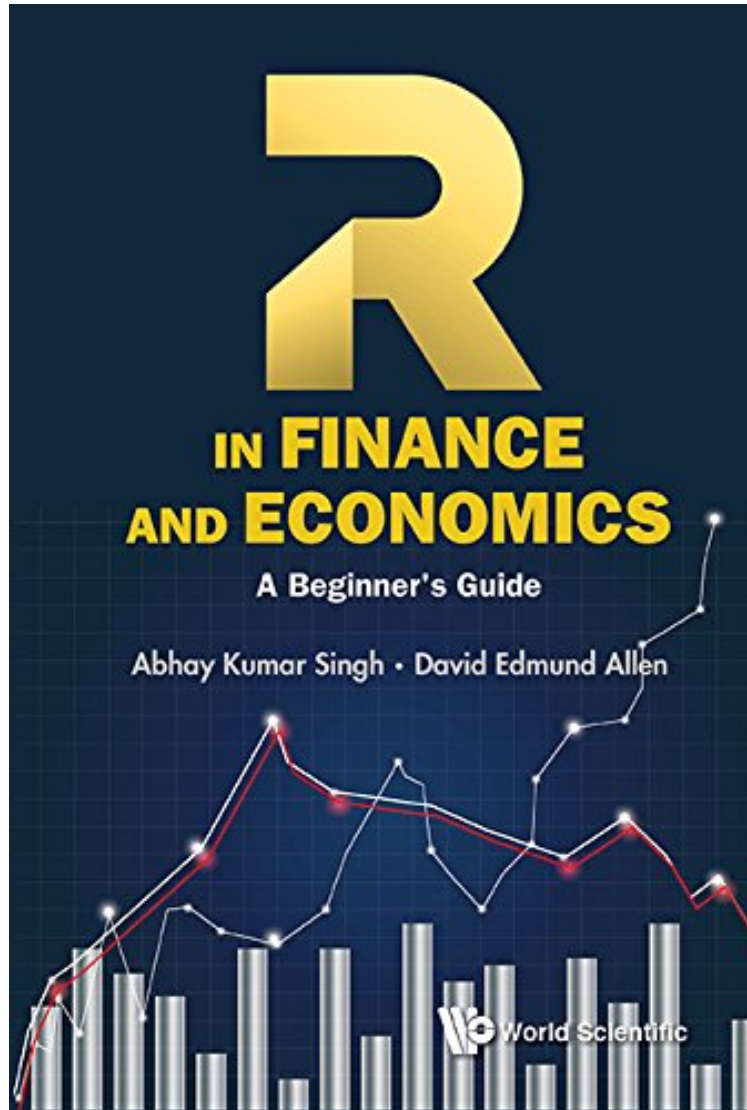


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## R in Finance and Economics:A Beginner's Guide

*Abhay Kumar Singh, David Edmund Allen*  
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This book provides an introduction to the statistical software R and its application with an empirical approach in finance and economics. It is specifically targeted towards undergraduate and graduate students. It provides beginner-level introduction to R using RStudio and reproducible research examples. It will enable students to use R for data cleaning, data visualization and quantitative model building using statistical methods like linear regression, econometrics (GARCH etc), Copulas, etc. Moreover, the book demonstrates latest research methods with applications featuring linear regression, quantile regression, panel regression, econometrics, dependence modelling, etc. using a range of data sets and examples. Request Inspection Copy

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About the Author Dr Abhay Kumar Singh is a Lecturer in the School of Business Law at Edith Cowan University (ECU), Perth Australia. He has a Bachelor of Technology degree in Information Technology and an MBA from the Indian Institute of Information Technology Management Gwalior, India (2009). He completed his PhD in Finance from Edith Cowan University, Perth, Australia in 2011 and was awarded the University Research Medal for an outstanding thesis. He is a big believer in open source software and has been using R for statistical computing including quantitative research methods for over 4 years. He has over five years' experience in Financial Risk Modelling Research. He started his career as a Research Associate at ECU in 2009 and has since co-authored over 20 journal publications, 16 book chapters and several conference papers on a range of topics including, finance, investments, econometrics, machine learning, data mining and multivariate statistics.

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