Financial Simulation Modeling in Excel: A Step-by-Step Guide, + Website
Keith A. Allman, Josh Laurito, Michael Loh

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DESCRIPTION

"I've worked with simulation in business for over 20 years, and Allman really nails it with this book. I admit that I own his previous book on structured finance cash flows, but I was surprised by what I found in here. He addresses the fundamental questions of how decision makers react to simulations and his read was very much in accordance with what I've experienced myself. When it came to the nuts and bolts of describing the different types of simulation analysis the book becomes incredibly detailed. There is working code and models for a fantastic array of the most common simulation problems. If you're so inclined, the book very carefully steps through the tricky math needed to really understand the theory behind stochastic modeling in finance. If you're preparing models that include any kind of randomization or stochastic modeling component, this book is a must-read, a tremendous value and time-saver." — David Brode of The Brode Group

A practical guide to understanding and implementing financial simulation modeling

As simulation techniques become more popular among the financial community and a variety of sub-industries, a thorough understanding of theory and implementation is critical for practitioners involved in portfolio management, risk management, pricing, and capital budgeting. Financial Simulation Modeling in Excel contains the information you need to make the most informed decisions possible in your professional endeavors.

Financial Simulation Modeling in Excel contains a practical, hands-on approach to learning complex financial simulation methodologies using Excel and VBA as a medium. Crafted in an easy to understand format, this book is suitable for anyone with a basic understanding of finance and Excel. Filled with in-depth insights and expert advice, each chapter takes you through the theory behind a simulation topic and the implementation of that same topic in Excel/VBA in a step-by-step manner.
Organized in an easy-to-follow fashion, this guide effectively walks you through the process of creating and implementing risk models in Excel.

A companion website contains all the Excel models risk experts and quantitative analysts need to practice and confirm their results as they progress.

Keith Allman is the author of other successful modeling books, including *Corporate Valuation Modeling* and *Modeling Structured Finance Cash Flows with Microsoft Excel*.

Created for those with some background in finance and experience in Excel, this reliable resource shows you how to effectively perform sound financial simulation modeling, even if you've yet to do extensive modeling up to this point in your professional or academic career.

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**ABOUT THE AUTHOR**

Keith A. Allman is an investment manager at Bamboo Finance, a private equity fund that invests in for-profit, commercially viable companies that provide a good or service that beneficially impacts the lives of low-income individuals. Previously, he was the director of analytics and modeling at Pearl Street Capital Group. Allman also founded Enstruct, which services clients worldwide in capital markets and equity valuation, distressed valuation, and quantitative-based training. He is the author of the Wiley titles *Corporate Valuation Modeling*, *Modeling Structured Finance Cash Flows with Microsoft® Excel®*, and *Reverse Engineering Deals on Wall Street with Microsoft® Excel®*. Allman holds bachelor degrees from UCLA and a master's degree from Columbia University.

Josh Laurito, CFA, is a co-founder and Principal of Lumesis, a leading provider of credit analysis software and solutions to the municipal finance market. In addition, he directs corporate modeling for Hexagon Securities, a boutique merchant bank that advises and invests in banks and specialty finance companies.

Michael L. Loh currently works for Tech-X Corporation where he is actively engaged in complex data management and high-performance computing using accelerated hardware. Prior to Tech-X, Loh developed and implemented financial models at RangeMark Financial Services.