**DESCRIPTION**

Praise for

Financial Modeling with Crystal Ball(r) and Excel(r)

"Professor Charnes's book drives clarity into applied Monte Carlo analysis using examples and tools relevant to real-world finance. The book will prove useful for analysts of all levels and as a supplement to academic courses in multiple disciplines."

-Mark Odermann, Senior Financial Analyst, Microsoft

"Think you really know financial modeling? This is a must-have for power Excel users. Professor Charnes shows how to make more realistic models that result in fewer surprises. Every analyst needs this credibility booster."

-James Franklin, CEO, Decisioneering, Inc.

"This book packs a first-year MBA's worth of financial and business modeling education into a few dozen easy-to-understand examples. Crystal Ball software does the housekeeping, so readers can concentrate on the business decision. A careful reader who works the examples on a computer will master the best general-purpose technology available for working with uncertainty."

-Aaron Brown, Executive Director, Morgan Stanley, author of The Poker Face of Wall Street
"Using Crystal Ball and Excel, John Charnes takes you step by step, demonstrating a conceptual framework that turns static Excel data and financial models into true risk models. I am astonished by the clarity of the text and the hands-on, step-by-step examples using Crystal Ball and Excel; Professor Charnes is a masterful teacher, and this is an absolute gem of a book for the new generation of analyst."

-Brian Watt, Chief Operating Officer, GECC, Inc.

"Financial Modeling with Crystal Ball and Excel is a comprehensive, well-written guide to one of the most useful analysis tools available to professional risk managers and quantitative analysts. This is a must-have book for anyone using Crystal Ball, and anyone wanting an overview of basic risk management concepts."

-Paul Dietz, Manager, Quantitative Analysis, Westar Energy

"John Charnes presents an insightful exploration of techniques for analysis and understanding of risk and uncertainty in business cases. By application of real options theory and Monte Carlo simulation to planning, doors are opened to analysis of what used to be impossible, such as modeling the value today of future project choices."

-Bruce Wallace, Nortel

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**ABOUT THE AUTHOR**

**Dr. John Charnes**, PhD, MBA, is Professor, Scupin Faculty Fellow, and former director of the finance, economics, and decision sciences area in the University of Kansas School of Business. His specialty is the application of computer simulation and statistical methods for identifying and solving business problems, and his most current research involves using simulation for option pricing and hedging with derivatives to comply with Financial Accounting Standard (FAS) 133. Charnes has also performed research, consulting, and executive education for more than fifty corporations and other organizations.

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**NEW TO EDITION**

- After reviewing the basics, this book covers how to define and refine probability distributions in financial modeling, and exhaustively reviews the concepts behind the simulation modeling process.

- It includes a discussion of simulation controls and analysis of simulation results.
• Exercise models help students apply risk analysis to such areas as derivative pricing, cost estimation, portfolio allocation and optimization, design analysis, and cash flow analysis.

• The tools and techniques reviewed will help students immediately develop essential skills in the areas of areas of valuation, pricing, hedging, trading, risk management, project evaluation and portfolio management.

For additional product details, please visit https://www.wiley.com/en-us