



# Introduction to Quantitative Methods in Business: With Applications Using Microsoft Office Excel

By Bharat Kolluri, Michael J. Panik, Rao N. Singamsetti

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**Introduction to Quantitative Methods in Business: With Applications Using Microsoft Office Excel** By Bharat Kolluri, Michael J. Panik, Rao N. Singamsetti

**A well-balanced and accessible introduction to the elementary quantitative methods and Microsoft® Office Excel® applications used to guide business decision making**

Featuring quantitative techniques essential for modeling modern business situations, *Introduction to Quantitative Methods in Business: With Applications Using Microsoft® Office Excel®* provides guidance to assessing real-world data sets using Excel. The book presents a balanced approach to the mathematical tools and techniques with applications used in the areas of business, finance, economics, marketing, and operations.

The authors begin by establishing a solid foundation of basic mathematics and statistics before moving on to more advanced concepts. The first part of the book starts by developing basic quantitative techniques such as arithmetic operations, functions and graphs, and elementary differentiations (rates of change), and integration. After a review of these techniques, the second part details both linear and nonlinear models of business activity. Extensively classroom-tested, *Introduction to Quantitative Methods in Business: With Applications Using Microsoft® Office Excel®* also includes:

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*Introduction to Quantitative Methods in Business: With Applications Using Microsoft® Office Excel®* is an excellent textbook for undergraduate-level

courses on quantitative methods in business, economics, finance, marketing, operations, and statistics. The book is also an ideal reference for readers with little or no quantitative background who require a better understanding of basic mathematical and statistical concepts used in economics and business.

**Bharat Kolluri, Ph.D.**, is Professor of Economics in the Department of Economics, Finance, and Insurance at the University of Hartford. A member of the American Economics Association, his research interests include econometrics, business statistics, quantitative decision making, applied macroeconomics, applied microeconomics, and corporate finance.

**Michael J. Panik, Ph.D.**, is Professor Emeritus in the Department of Economics, Finance, and Insurance at the University of Hartford. He has served as a consultant to the Connecticut Department of Motor Vehicles as well as to a variety of health care organizations. In addition, Dr. Panik is the author of numerous books, including *Growth Curve Modeling: Theory and Applications* and *Statistical Inference: A Short Course*, both published by Wiley.

**Rao N. Singamsetti, Ph.D.**, is Associate Professor in the Department of Economics, Finance, and Insurance at the University of Hartford. A member of the American Economics Association, his research interests include the status of war on poverty in the United States since the 1960s and forecasting foreign exchange rates using econometric methods.

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