

1. Record Nr.	UNINA9911039319003321
Autore	Nguyen Mike
Titolo	Advanced Modeling and Data Challenges / / by Mike Nguyen
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783032017192 9783032017185
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (417 pages)
Collana	Mathematics and Statistics Series
Disciplina	001.433
Soggetti	Sampling (Statistics) Regression analysis Mathematical statistics Methodology of Data Collection and Processing Linear Models and Regression Parametric Inference
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This volume addresses the complexities of real-world data analysis, offering clear guidance through common challenges such as missing data, model specification, variable selection, and hypothesis testing. It also introduces tools for deeper interpretation—including marginal effects, interaction (moderation), and mediation analysis—to help uncover nuanced relationships in data. Ideal for both learners deepening their understanding and practitioners refining their techniques, this volume blends statistical theory with applied insight. Readers are equipped to navigate ambiguity, confront data imperfections, and extract actionable meaning. With practical examples and an emphasis on analytical reasoning, this book supports coursework, exam review, and professional development alike—making it an essential resource for building confidence in modern data analysis.