

Healthcare Analytics

An Operations Perspective

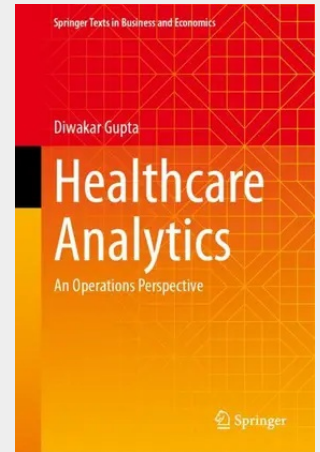
Managing healthcare operations is hard. Under increasing pressure to reduce costs and improve patient access and service quality, managers need the know how to leverage data to make optimal decisions. This book bridges the gap between business education and the realities of modern healthcare delivery, giving students a grounded, practical look at the operational challenges that define clinical environments: scheduling, patient flow, and capacity management.

Based on the author's firsthand research experience in clinics and hospitals, the material goes beyond theory. Real cases drawn from actual healthcare settings — complete with data sets, analytical tools, and instructor resources — put students in the decision-maker's seat from day one.

No prior knowledge of the healthcare system is required. The book is designed for advanced undergraduates in business, science, or engineering, and adapts equally well to professional master's programs. A modular structure gives instructors the flexibility to tailor content to their audience, adjusting technical depth to match students' quantitative backgrounds.

This course text combines management principles, mathematical models, practical exercises, and case work that students will use and remember.

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