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Nota di contenuto	Health Analytics: Gaining the Insights to Transform Health Care; Contents; Foreword; Preface; Acknowledgements; Chapter 1: A Changing Business for a Changing Science; The Gathering; How Can Medicine Become Smarter?; Complexity Exceeding Cognition; Learning from Other Industries; Nancy; Characterizing Health Analytics; The Gathering Revisited; Chapter 2: Convergence and the Capability Map; Nice Job, But . . .; Fifty Flashlights; Convergence Defined; Is Convergence Really Required?; The Rush to Health It; The Capability Map; Putting the Capability Map to Use; Health Analytics as a Discipline NotesChapter 3: The Four Enterprise Disciplines of Health Analytics; Heresy; Health Analytics for the Nonanalytical; Information Management; Statistics; Information Delivery; High-Performance Computing; Maturation and Scale; Enterprise-Class Analytics: Putting it All Together; Chapter 4: Dealing with Data; Callimachus; Not a Drop to

Drink; Defining Data; Big Data; Growth in Data Provisioning; The  
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 Art, Science, or Both?; Leveraging Evidence to Deliver Improved  
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 Health Outcomes Analytics; Health Outcomes Analytics in Practice  
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 Asymmetrical Industry; Kaplan and Porter's Stand; The Elusive Health  
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 Chapter 9: The New Behavioral Health; Dangerous Portals; The Health-  
 Mindedness Gene Experiment; Engel's Model; The New Evolving Science  
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 Interdependencies; Everybody in the Pool; The Catch; Risk Adjustment;  
 Borrowing from Other Industries; Growing Risks; Chapter 12: Quality  
 and Safety; Defining Quality; Not Your Father's Toyota; On Track;  
 Avoiding the Obvious; We Just Have to Do This; The Growing Inventory;  
 Strategy and Performance Management; Transparency and  
 Benchmarking  
 Setting Quality Targets

## Sommario/riassunto

"A hands-on, analytics road map for health industry leaders The  
 industry-wide transformation taking place across the health and life  
 sciences ecosystem is mandating that organizations adopt new  
 decision-making capabilities, based on science and real-world  
 information. Analytics will be a required competency for the modern  
 health enterprise; this book is about how to "cross the chasm." The  
 ultimate analytics guide for the health industry leader, this essential  
 book equips business leaders with little-to-no experience in analytics  
 to understand how to incorporate analytics as a cornerstone of their  
 21st century competitive business strategy. Paints the picture for a  
 new health enterprise, one focused on the patient Explores the  
 financial components of this new operating model, using analytics to  
 optimize the tradeoffs between cost and value Deals with the rising  
 role of the consumer, using analytics to create a completely new health  
 engagement model with individual recipients of care Looks at how  
 analytics can drive innovations in care practice, patient-experienced  
 medical outcomes, and analytically driven novel therapies optimized for  
 the individual patient Presents a variety of text, tables, and graphics  
 illustrating the various concepts being described Within each section  
 and chapter, Health Analytics assesses the current landscape,  
 proposing a new model/concept, sharing real-world stories of how the  
 old and new world come together, and framing a "how-to" for the  
 reader in terms of growing that particular set of capabilities in their  
 own enterprises"--

