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Nota di contenuto	Healthcare Analytics for Quality and Performance Improvement; Contents; Preface; Acknowledgments; CHAPTER 1 Toward Healthcare Improvement Using Analytics; Healthcare Transformation-Challenges and Opportunities; The Current State of Healthcare Costs and Quality; The Cost of Healthcare; The Analytics Opportunity in Healthcare; Leveraging Information for Healthcare Improvement; Beginning the Analytics Journey in Healthcare; Notes; CHAPTER 2 Fundamentals of Healthcare Analytics; How Analytics Can Improve Decision Making; Analytics, Quality, and Performance; Applications of Healthcare Analytics Components of Healthcare Analytics Notes; CHAPTER 3 Developing an Analytics Strategy to Drive Change; Purpose of an Analytics Strategy; Analytics Strategy Framework, with a Focus on Quality/Performance Improvement; Business and Quality Context; Stakeholders and Users; Processes and Data; Tools and Techniques; Team and Training; Technology and Infrastructure; Developing an Analytics Strategy; Notes; CHAPTER 4 Defining Healthcare Quality and Value; What Is Quality?; Defining Value in Healthcare; Improving a System; Overview of

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Getting Started with Analyzing Data Summarizing Data Effectively;  
Central Tendency; The Big Picture; Summary; Notes; CHAPTER 7  
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Indicators; Developing Effective Key Performance Indicators to Focus  
Improvement Efforts; Aligning Indicators with Data and Processes;  
Using Indicators to Guide Healthcare Improvement Activities; Selecting  
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Quality Improvement Activities; Moving from Analytics Insight to  
Healthcare Improvement; Analytics in the Problem Definition Stage  
Using Analytics to Identify Improvement Opportunities Analytics in the  
Project Execution Phase; Using Analytics to Evaluate Outcomes and  
Maintain Sustainability; Sustaining Changes and Improvements; Note;  
CHAPTER 9 Basic Statistical Methods and Control Chart Principles;  
Statistical Methods for Detecting Changes in Quality or Performance;  
Hypothesis Testing; Comparing Performance between Two Groups;  
Comparing Performance of More Than Two Groups; Graphical Methods  
for Detecting Changes in Quality or Performance; Variation in  
Performance; Statistical Process Control Chart Basics  
Data Considerations for Statistical Process Control Charts

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### Sommario/riassunto

Improve patient outcomes, lower costs, reduce fraud-all with  
healthcare analytics Healthcare Analytics for Quality and Performance  
Improvement walks your healthcare organization from relying on  
generic reports and dashboards to developing powerful analytic  
applications that drive effective decision-making throughout your  
organization. Renowned healthcare analytics leader Trevor Strome  
reveals in this groundbreaking volume the true potential of analytics to  
harness the vast amounts of data being generated in order to improve  
the decision-making ability of healthcare managers and

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