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Nota di contenuto	Intro -- Foreword -- Preface -- The State of AI in Medicine -- Introducing Intelligent Systems in Medicine and Health: The Role of AI -- Structure and Content -- Guide to Use of This Book -- Acknowledgments -- Contents -- Contributors -- Part I: Introduction -- Chapter 1: Introducing AI in Medicine -- The Rise of AIM -- Knowledge-Based Systems -- Neural Networks and Deep Learning -- Machine Learning and Medical Practice -- The Scope of AIM -- From Accurate Predictions to Clinically Useful AIM -- The Cognitive Informatics Perspective -- Why CI? -- The Complementarity of Human and Machine Intelligence -- Mediating Safe and Effective Human Use of AI-Based Tools -- Concluding Remarks -- References -- Chapter 2: AI in Medicine: Some Pertinent History -- Introduction -- Artificial Intelligence: The Early Years -- Modern History of AI -- AI Meets Medicine and Biology: The 1960s and 1970s -- Emergence of AIM Research at Stanford University -- Three Influential AIM Research Projects from the 1970s -- INTERNIST-1/QMR -- CASNET -- MYCIN -- Cognitive Science and AIM -- Reflecting on the 1970s -- Evolution of AIM During the 1980s and 1990s -- AI Spring and Summer Give Way to AI Winter -- AIM Deals with the Tumult of the 80s and 90s -- The Last 20 Years: Both AI and AIM Come of Age -- References -- Chapter 3: Data and Computation: A Contemporary Landscape --

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Future Applications of AI in Public Health.