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Nota di contenuto	List of Figures -- Acknowledgements -- Notes on Contributors -- Introduction to Big Data Challenges -- Part One – Between Mathematics and Philosophy -- Man vs Machine: The Battle for the Soul of Data Science -- The Network-Effect on Ethics in the Big Data Age -- Security Networks and Human Autonomy – a Philosophical Investigation -- Is There a Press Release on That? The Challenges and Opportunities of Big Data for News-Media -- Part Two – Implications for Security -- Sustainable Innovation: Placing Ethics at the Core of Security in a Big Data Age -- Needles in Haystacks: Law, Capability, Ethics and Proportionality in Big-Data Intelligence-Gathering -- Countering and Understanding Terrorism, Extremism and Radicalisation in a Big Data Age -- Enhancing Intelligence-Led Policing: Law Enforcement’s Big Data Revolution -- Sociotechnical Imaginaries of Big Data: Commercial Satellite Imagery and its Promise of Speed and Transparency -- Using Big Data to Achieve Food Security -- Index.
Sommario/riassunto	This book brings together an impressive range of academic and intelligence professional perspectives to interrogate the social, ethical and security upheavals in a world increasingly driven by data. Written in

a clear and accessible style, it offers fresh insights to the deep reaching implications of Big Data for communication, privacy and organisational decision-making. It seeks to demystify developments around Big Data before evaluating their current and likely future implications for areas as diverse as corporate innovation, law enforcement, data science, journalism, and food security. The contributors call for a rethinking of the legal, ethical and philosophical frameworks that inform the responsibilities and behaviours of state, corporate, institutional and individual actors in a more networked, data-centric society. In doing so, the book addresses the real world risks, opportunities and potentialities of Big Data.

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