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	Sommario/riassunto	Information Visualization for Intelligent Systems provides readers with essential insights into cutting-edge advancements in machine intelligence and explores how these transformative technologies are revolutionizing data analysis and decision-making in an increasingly complex world. The book explores advanced computing, or machine intelligence, which enables technology--machines, devices, or algorithms--to interact intelligently with their surroundings, make decisions, and take actions to achieve objectives. Unlike natural human intelligence, artificial intelligence (AI) is demonstrated by machines. Modern advancements in high-speed computing drive paradigm shifts, enabling complex machine intelligence systems and novel cyber systems that utilize data to perform specific tasks. While standalone

cyber systems are common, integrating multiple systems into cohesive, intelligent structures interacting deeply with physical systems remains underexplored and primarily philosophical in existing literature. These technological breakthroughs have revolutionized data generation, cloud storage, global information exchange, and rapid computing. For example, machine intelligence models analyze video surveillance to identify threats, support early infection detection in healthcare, and enhance chemical industry processes. While promising, these advancements remain in their infancy, offering significant potential for further development.