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Descrizione fisica	1 online resource (xiv, 534 pages) : illustrations (some color)
Collana	Gale eBooks
Altri autori (Persone)	AggarwalCharu C
Disciplina	005.8
Soggetti	Sensor networks Data mining Information retrieval Computer storage devices
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	An Introduction to Sensor Data Analytics -- A Survey of Model-based Sensor Data Acquisition and Management -- Query Processing in Wireless Sensor Networks -- Event Processing in Sensor Streams -- Dimensionality Reduction and Filtering on Time Series Sensor Streams -- Mining Sensor Data Streams -- Real-Time Data Analytics in Sensor Networks -- Distributed Data Mining in Sensor Networks -- Social Sensing -- Sensing for Mobile Objects -- A Survey of RFID Data Processing -- The Internet of Things: A Survey from the Data-Centric Perspective -- Data Mining for Sensor Bug Diagnosis -- Mining of Sensor Data in Healthcare: A Survey -- Earth Science Applications of Sensor Data.
Sommario/riassunto	Advances in hardware technology have lead to an ability to collect data with the use of a variety of sensor technologies. In particular sensor notes have become cheaper and more efficient, and have even been integrated into day-to-day devices of use, such as mobile phones. This has lead to a much larger scale of applicability and mining of sensor data sets. The human-centric aspect of sensor data has created tremendous opportunities in integrating social aspects of sensor data collection into the mining process. Managing and Mining Sensor Data is a contributed volume by prominent leaders in this field, targeting

advanced-level students in computer science as a secondary text book or reference. Practitioners and researchers working in this field will also find this book useful. .

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