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Descrizione fisica	1 online resource (XI, 504 p. 271 illus., 221 illus. in color.)
Collana	EAI/Springer innovations in communication and computing
Disciplina	006.3
Soggetti	Soft computing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Data Science for Cognitive Analysis -- Real-Time Ubiquitous Data Science -- Platform for Privacy Preserving Data Science -- Internet-Based Cognitive Platform -- Social Data Relationship Ranking on Internet -- Data Applications of Cognitive Communication -- Statistics, data filtering to decide what data to keep and informative aspects -- Machine Learning and Big Data -- Big Algorithms and Software Development -- Smart Grid Cyber Security Data Analysis -- Smart City Initiative and Big Applications -- Natural Language Generation -- Sustainable Computer and Communication Model -- Knowledge Engineering, Representation and Extraction -- Decision Making under Uncertainty -- Cloud Big Computing Services -- Scalable Data Management Systems -- Future Advancements -- Conclusion.
Sommario/riassunto	This proceeding features papers discussing big data innovation for sustainable cognitive computing. The papers feature details on cognitive computing and its self-learning systems that use data mining, pattern recognition and natural language processing (NLP) to mirror the way the human brain works. This international conference focuses on cognitive computing technologies, from knowledge representation techniques and natural language processing algorithms to dynamic learning approaches. Topics covered include Data Science for Cognitive Analysis, Real-Time Ubiquitous Data Science, Platform for Privacy Preserving Data Science, and Internet-Based Cognitive Platform.

The 2nd EAI International Conference on Big Data Innovation for Sustainable Cognitive Computing (BDCC 2019) took place in Coimbatore, India on December 12-13, 2019. Contains proceedings from 2nd EAI International Conference on Big Data Innovation for Sustainable Cognitive Computing (BDCC 2019), Coimbatore, India, December 12-13, 2019; Features topics ranging from Data Science for Cognitive Analysis to Internet-Based Cognitive Platforms; Includes contributions from researchers, academics, and professionals from around the world.

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