

1. Record Nr.	UNINA9910523736403321
Autore	Yang Hui
Titolo	AI and Analytics for Public Health : Proceedings of the 2020 INFORMS International Conference on Service Science // edited by Hui Yang, Robin Qiu, Weiwei Chen
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-030-75166-X
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (473 pages)
Collana	Springer Proceedings in Business and Economics, , 2198-7254
Disciplina	610.28563 362.10285
Soggetti	Operations research Quantitative research Engineering mathematics Engineering - Data processing Operations Research and Decision Theory Data Analysis and Big Data Mathematical and Computational Engineering Applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Private vs. Pooled Transportation: Customer Preference and Congestion Management -- Chapter 2. Optimal Dispatch in Emergency Service System via Reinforcement Learning -- Chapter 3. Towards Understanding the Dynamics of COVID-19: An Approach based on Polynomial Regression with Adaptive Sliding Windows -- Chapter 4. Capturing the Deep Trend of Stock Market for a Big Profit -- Chapter 5. Analysis on Competitiveness of Service Outsourcing Industry in Yangtze River Delta Region -- Chapter 6. OPBFT: Optimized Practical Byzantine Fault Tolerant Consensus Mechanism Model -- Chapter 7. Entropy Weight-TOPSIS Method Considered Text Information with An Application in E-commerce -- Chapter 8. Optimal Resource Allocation for Coverage Control of City Crimes -- Chapter 9. Application of Internet of Things (IoT) in Inventory Management for Perishable Produce -- Chapter 10. Enabling Smart Buildings with Reinforcement

Learning Controllers to Reduce Energy Consumption -- Chapter 11. Modified Risk Parity Portfolios to Limit Concentration on Low Risk Assets in Multi-Asset Portfolios -- Chapter 12. A Data Analysis Method for Estimating Balking Behavior in Bike-Sharing Systems -- Chapter 13. The Impact of Scalability on Advisory and Service Delivery Efforts of Nonprofits -- Chapter 14. Green Location-Routing Problem with Delivery Options -- Chapter 15. Molecular Bioactivity Prediction of HDAC1 Based on Deep Neural Nets -- Chapter 16. Risk assessment indicators for technology enterprises: From the perspective of complex networks -- Chapter 17. Risk assessment indicators for technology enterprises: From the perspective of complex networks -- Chapter 18. Early Detection of Rumors Based on BERT Model.

---

#### Sommario/riassunto

---

This volume offers the state-of-the-art research and developments in service science and related research, education and practice areas. It showcases emerging technology and applications in fields including healthcare, energy, finance, information technology, transportation, sports, logistics, and public services. Regardless of size and service, a service organization is a service system. Because of the socio-technical nature of a service system, a systems approach must be adopted to design, develop, and deliver services, aimed at meeting end users' both utilitarian and socio-psychological needs. Effective understanding of service and service systems often requires combining multiple methods to consider how interactions of people, technology, organizations, and information create value under various conditions. Chapters highlight ways to approach such technical challenges in service science and are based on submissions from the 2020 INFORMS International Conference on Service Science.

---