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Altri autori (Persone)	Tsihrintzis
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Nota di contenuto	Introduction to Human-Smart City Interactions and User-Citizen Experiences -- Extreme-Value-Aware Synthetic Data Generation in Electric Vehicle Charging: A GAN Framework with EVA-Based Conditioning and Evaluation -- Energy Poverty Meets Disability: A Critical Analysis of Financial Support Gaps in Europe -- Security of personal data processing when using artificial intelligence systems in smart cities: Processes and tools to address GDPR compliance challenges -- AI in Citizen-Centric Smart Cities. Exploring Data Privacy, Algorithmic Transparency and Trustworthiness Through Regulation -- Empowering Smart Tourism with Large Language Models -- Sentiment Analysis Using LSTM and BERT: A Comparative Analysis using Natural Language Processing Algorithms -- Adaptive User Interface for Electric Vehicle Route Information in Urban Mobility Services -- Design and Implementation of a Smart Recycling Bin Using Multi-Sensor Integration and Machine Learning -- Smarts Sensors and Social Sensibility -- A framework for autonomous crowd management through reinforcement

learning and digital twins -- A Reinforcement Learning System that Learns from Human-Smart City Interaction for providing better quality of services -- A Diagnostic Clinical Decision Support System which leverages the Medical Information of Patients suffering from Pneumonia.

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Sommario/riassunto

This book focuses on “human-smart city interaction,” exploring how people engage with smart technologies and how human factors influence the “citizen experience.” Smart cities aim to enhance urban life by infusing digital technologies, data analytics, and artificial intelligence into city functions. Through widespread use of ICT, they streamline operations, cut costs, and improve citizen experiences by analyzing real-time data from sensors, infrastructure, and residents. Yet, their full potential remains largely underused. It is intended for academics, researchers, practitioners, and students in fields like engineering, artificial intelligence, policy, and governance, while remaining accessible to readers from other disciplines as well. Authored by leading researchers, each chapter includes extensive references for deeper exploration of specific smart city applications.

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