1. Record Nr. UNISA996393002803316

Autore	Spackman Thomas
Titolo	A declaration of such greiuous accidents as commonly follow the biting of mad dogges, together with the cure thereof, by Thomas Spackman Doctor of Physick [[electronic resource]]
Pubbl/distr/stampa	London, : Printed [at Eliot's Court Press] for Iohn Bill, 1613
Descrizione fisica	[6], 72, 75-83, [1] p
Soggetti	Rabies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	With a title-page woodcut. Identification of printer from STC. Running title reads: Of a madde dogges biting and the cure. Reproduction of the original in the British Library.
Sommario/riassunto	eebo-0018

2. Record Nr. UNINA9911015965703321

Autore	Uddin Zia
Titolo	Trustworthy Multimodal Intelligent Systems for Independent Living / / by Md Zia Uddin
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-97359-3
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (208 pages)
Collana	Cognitive Technologies, , 2197-6635
Disciplina	006.3
Soggetti	Artificial intelligence User interfaces (Computer systems) Human-computer interaction Multiagent systems Machine learning Artificial intelligence - Data processing Artificial Intelligence User Interfaces and Human Computer Interaction Multiagent Systems Intelligence Infrastructure Machine Learning Data Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Acknowledgement -- Preface -- 1. AI for Independent Living -- 2. Multimodal Systems for Independent Living -- 3. Synthetic Data -- 4. Trustworthy AI and Explainability -- 5. Case Studies: Daily Activity Monitoring -- 6. Case Studies: Health Monitoring and Analysis -- 7. Case Studies: Understanding Emotions -- 8. Real-Time Applications.
Sommario/riassunto	This book is an essential guide for anyone interested in how artificial intelligence can enhance the quality of life for individuals who wish to maintain autonomy in their own homes. The author begins by introducing the reader to AI applications in independent living environments, such as smart assisted homes and AI-driven personalization, and thoughtfully explores the ethical challenges

involved. With a strong focus on the intersection of technology and human needs, the book provides a detailed roadmap for building intelligent systems that promote safety, independence, and dignity, especially for elderly or vulnerable populations. The author offers both foundational knowledge and critical discussions around the opportunities and limitations of AI when applied to daily life scenarios. A major strength of the book lies in its thorough examination of multimodal systems. Readers are introduced to a rich array of sensor technologies including wearable devices, environmental sensors, vision-based systems, and sound-based inputs. These components are described not only in terms of their individual functionalities but also in how they interact and fuse data to support complex inference tasks. The text walks the reader through system architectures—centralized and distributed—while emphasizing data fusion, synchronization, and real-time versus batch processing. Through practical examples such as fall detection alerts and activity recognition, the book highlights the engineering challenges and solutions involved in building robust, responsive, and user-accepted assistive systems. Ethical deployment, user engagement, long-term maintenance, and family involvement are all addressed in ways that reflect real-world concerns and user diversity. The book also tackles some of the most pressing topics in AI today: data privacy, explainability, and trust. With an entire section dedicated to synthetic data, it explains how artificial data can be used to train effective models while safeguarding user privacy. .