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Nota di contenuto	Cover -- Title Page -- Copyright Page -- Dedication Page -- Book Description -- Contents -- List of Figures -- List of Tables -- Preface -- Chapter 1 SLRRT: Sign Language Recognition in Real Time -- 1.1 Introduction -- 1.2 Literature Survey -- 1.3 Model for Sign Recognition Language -- 1.4 Experimentation -- 1.5 Methodology -- 1.6 Experimentation Results -- 1.7 Conclusion -- Future Scope -- References -- Chapter 2 Unsupervised/Supervised Feature Extraction and Feature Selection for Multimedia Data: (Feature extraction with feature selection for Image Forgery Detection) -- 2.1 Introduction -- 2.2 Problem Definition -- 2.3 Proposed Methodology -- 2.4 Experimentation and Results -- 2.5 Feature Selection &amp -- Pre-Trained CNN Models Description -- 2.6 Bat ELM Optimization Results -- Conclusion -- Declarations -- Consent for Publicaton -- Conflict of Interest -- Acknowledgement -- References -- Chapter 3 Multimedia

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Sommario/riassunto

SUPERVISED and UNSUPERVISED DATA ENGINEERING for MULTIMEDIA DATA Explore the cutting-edge realms of data engineering in multimedia with Supervised and Unsupervised Data Engineering for Multimedia Data, where expert contributors delve into innovative methodologies, offering invaluable insights to empower both novices and seasoned professionals in mastering the art of manipulating multimedia data with precision and efficiency. Supervised and Unsupervised Data Engineering for Multimedia Data presents a groundbreaking exploration into the intricacies of handling multimedia data through the lenses of both supervised and unsupervised data engineering. Authored by a team of accomplished experts in the field, this comprehensive volume serves as a go-to resource for data scientists, computer scientists, and researchers seeking a profound understanding of cutting-edge methodologies. The book seamlessly

integrates theoretical foundations with practical applications, offering a cohesive framework for navigating the complexities of multimedia data. Readers will delve into a spectrum of topics, including artificial intelligence, machine learning, and data analysis, all tailored to the challenges and opportunities presented by multimedia datasets. From foundational principles to advanced techniques, each chapter provides valuable insights, making this book an essential guide for academia and industry professionals alike. Whether you're a seasoned practitioner or a newcomer to the field, Supervised and Unsupervised Data Engineering for Multimedia Data illuminates the path toward mastery in manipulating and extracting meaningful insights from multimedia data in the modern age.