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Sommario/riassunto   This book gathers outstanding papers presented at the 6th International Conference on Data Science and Applications (ICDSA 2025), organized by Soft Computing Research Society (SCRS) and Malaviya National Institute of Technology Jaipur, India, from July 16 to 18, 2025. The book is divided into eight volumes, and it covers theoretical and empirical developments in various areas of big data analytics, big data technologies, decision tree learning, wireless communication, wireless sensor networking, bioinformatics and systems, artificial neural networks, deep learning, genetic algorithms, data mining, fuzzy logic, optimization algorithms, image processing, computational intelligence in civil engineering, and creative computing.