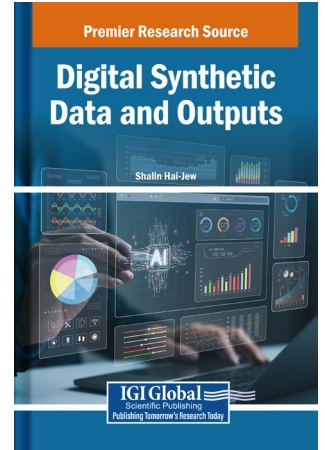


Digital Synthetic Data and Outputs

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Description:

Digital synthetic data and outputs represent an evolving landscape in data science and artificial intelligence (AI), offering alternatives to traditional data collection methods. Synthetic data refers to information that is artificially generated rather than obtained by direct measurement or real-world observation, often using advanced algorithms, simulations, or generative AI models. This approach enables researchers and developers to create datasets free from privacy and ethical concerns tied to real data. As industries rely on AI-driven insights, digital synthetic outputs become essential tools for training, testing, and validating models across sectors like healthcare, finance, and autonomous systems.

Digital Synthetic Data and Outputs explores the various applications of digital synthetics, applied across a range of disciplines and fields. It examines how digital synthetic data can enhance automation, communication, and computation. This book covers topics such as big data, game design, and data validation, and is a useful resource for business owners, engineers, academicians, researchers, and computer scientists.

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Hardcover: \$245 **Softcover:** \$205 **E-Book:** \$235 **Hardcover + E-Book:** \$295

Topics Covered:

- Alphanumeric Images
- Big Data
- Data Authentication
- Data Output
- Data Science
- Data Validation
- Digital Technology
- Game Design
- Generative Artificial Intelligence
- Synthetic Data
- Text-to-Text Rewriting

Subject: Computer Science and Information Technology

Readership Level: Advanced-Academic Level (Research Recommended)

Classification: Edited Reference

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