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ABOUT THE BOOK

With rapid advancements in AI, Big Data, IoT, and Blockchain, agriculture is undergoing a profound transformation. This volume aims to bring together high-quality, interdisciplinary research that explores how these technologies are, reshaping productivity, sustainability, financial inclusion, and rural livelihoods globally. Digital Agriculture and Economic Transformation is an edited volume that explores how emerging technologies such as artificial intelligence, big data, IoT, and blockchain are reshaping agricultural systems and driving economic development. Organized across five sections, the book covers conceptual foundations, farm-level technological transformation, digital markets and value chains, rural and social dimensions, and policy and governance frameworks.

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