

Human–AI Interaction and Collaboration

The integration of artificial intelligence (AI) into information systems will affect the way users interface with these systems. This exploration of the interaction and collaboration between humans and AI reveals its potential and challenges, covering issues such as data privacy, credibility of results, misinformation, and search interactions. Later chapters delve into application domains such as healthcare and scientific discovery.

In addition to providing new perspectives on and methods for developing AI technology and designing more humane and efficient AI systems, the book also reveals the shortcomings of AI technologies through case studies and puts forward corresponding countermeasures and suggestions. This book is ideal for researchers, students, and industry practitioners interested in enhancing human-centered AI systems and insights for future research.

DAN WU is Full Professor at the School of Information Management at Wuhan University. She is also the Director of the Human–Computer Interaction and User Behavior Research Center at Wuhan University. She is the editor-in-chief of *Aslib Journal of Information Management* and has served as Director at Large of ASIS&T. She has received multiple research grants, including from the National Key R&D Program of China.

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This book offers a comprehensive exploration of the dynamic interaction and collaboration between humans and AI across various domains. It tackles both the opportunities and challenges presented by AI, highlighting its potential to enhance productivity, ethical considerations, and its role in shaping the future of industries such as healthcare and education. A valuable resource for anyone interested in understanding the multifaceted impact of AI.

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