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Special Issue Reprint

## Generative AI and Large Language Models

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The following Reprint presents contributions published in the Special Issue entitled “Generative AI and Large Language Models” in *Big Data and Cognitive Computing*. It brings together recent research on the methods, applications, and evaluation of large language models and related generative AI systems. The volume covers topics such as retrieval-augmented generation, contextual reasoning, agentic workflows, explainability, and trustworthiness, combined with studies in the fields of healthcare, cybersecurity, accessibility, education, finance, and e-governance. By combining methodological advances, comparative analyses, and domain-oriented investigations, this Reprint provides an up-to-date overview of the opportunities and open challenges shaping current research on generative AI and large language models.

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