

Survey on Generative AI

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Abstract: *Generative AI has witnessed remarkable growth in recent years, resulting in a diverse array of applications across various domains. In this comprehensive survey, we explore over 350 generative AI applications, providing a structured taxonomy and concise descriptions of both unimodal and multimodal generative AIs. The survey covers a wide range of applications, including text, images, video, gaming, and brain information. Our goal is to serve as a valuable resource for researchers and practitioners, aiding them in navigating the rapidly expanding landscape of generative AI. By fostering a better understanding of the current state-of-the-art, we hope to encourage further innovation in this field.*

Keywords: Generative AI