Investigating the Association Between Creativity and Technology: Artificial Intelligence's Impact on Literature, Music, and Art

Ajay Kumar Musawat, Assistant Professor, Government Girls College, Govindgarh

musawatajaykumar@gmail.com

Abstract

Art, music, and literature are just a few of the industries that artificial intelligence (AI) is quickly changing. Artificial intelligence (AI) systems, which are driven by machine learning, neural networks, and natural language processing, are becoming more and more tools for artistic expression. They are improving artistic practices and changing conventional production methods. AI has made it easier to create visual works of art, opening up new possibilities for artistic innovation and visual representation. AI-powered algorithms in music allow for the creation of original compositions as well as the imitation and merging of styles from other genres. Artificial intelligence (AI) techniques are employed in literature to help writers create stories, plots, and even whole novels. This paper explores the multifaceted role of AI in these three artistic domains, investigates the ethical implications of AI-generated works, and provides an outlook on the future of human-AI collaboration in creative fields. The findings suggest that while AI introduces new possibilities for creativity and expression, it also raises questions regarding authorship, originality, and the nature of artistic value.