

Artificial Intelligence and the Future of Literature

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Abstract: AI has ushered in huge transformation in every sphere of life—be it technological, scientific or cultural. AI has captured the attention and imagination of the people all throughout the world. Scientists are excited with the current development and futuristic representation of AI. It has changed the process of writing itself. It is increasingly being used as a tool for generating creative content. Platforms like ChatGPT and other natural language can generate coherent, imaginative, contextually rich texts within short time. It can produce different genres of literature which are experimental. At present many authors use them to enhance their creative processes. It helps writers brainstorm ideas, develop plot structure, and put forward stylistic improvements. With its collaboration authors can explore unconventional narrative structures, leading to more innovative story telling. However, its lack of marked originality has questioned the authenticity of authorship. Though it highlights unprecedented opportunities for creativity it lacks nuanced subjectivity, human emotion. It also questions the idea of copyright.

Key Words: Artificial Intelligence, Literature, Knowledge, Copyright, Author

Introduction:

AI has multifarious aspects and it cannot be described in a single term. Generally, it is viewed that human intelligence is computational and cognitive states can be reproduced in a machine. In a pragmatic way, it can be defined as a discipline. Indeed,

“Artificial Intelligence is a wide field of knowledge dedicated to the design, modelling and implementation of intelligent systems so that they automatically give a response to complex problems arisen in the real world” (Esther Villa et al. 1). Knowledge is important area of analysis in AI. In the case of AI, knowledge is stored as memory and this knowledge is reproduced, analysed, reanalysed. In contemporary time, AI is used in diverse fields where AI influences and intervenes the whole process. The application of AI algorithm has been an area of study for several years. AI technology exercises control over the interconnected and automated world. AI studies the nature of intelligence and the method of reproducing it. Human intelligence is, to a large extent, computational and when human cognitive state is reproduced in a machine, it reflects the idea of Artificial Intelligence. Now it has emerged as a discipline providing engineering techniques to difficult problems. However, it cannot give general problems; rather, it gives solution to particular problems. It helps machine learn and adapt to the environment in a way similar to humans. However, it is not accurately reproduced.

AI Function:

Now question is what type of behaviour AI would follow? One of the most important characteristics is the constant growth of artificial intelligence technologies. As artificial intelligence systems develop, they can use a variety of standpoints and experiences to develop unique system of different mind-sets. The AI tools are really helpful in diminishing errors and give a high degree of tasks that involve creativity and the capacity to think critically. AI can present details on social concerns and subjects related to socio-cultural features of decision-making. Artificial intelligence has provided a fresh look to the expansion of logical ways to investigate social opportunity. AI supports the better decision making domains of the society and realizes the future concerns and crisis points of the social agencies like culture, politics, economy, market trends, medical issues and also the technological concerns. Social systems have been digitally transformed with the assistance of new technologies like artificial intelligence. “Specifically, artificial intelligence has become an essential part of our lives and social

growth, which is certainly playing a crucial role in decision-making and cultural reformation in the meadow of social information transfer (Singh 12).

AI in Literature, Philosophy and Culture:

To be brief, AI is not a new technique. Indeed, the idea of creating intelligent being was suggested for many days by writers as well as philosophers. The earlier writers thought of artificial beings crafted out of the stones. Ovid's *Pygmalion* brought a statue into a beautiful woman. Ovid's *Metamorphosis* shows the example of Galatea crafted by Pygmalion. Galatea, at first a non-human, got the new lease of life by Aphrodite to fall in love with Pygmalion. . Hesiod's *Theogony* makes the mention of robot like creature whose task was to guard Crete from the invasion of the opponents. In the Romantic period, Mary Shelley's *Dr Frankenstein* (1818) constructed a man form diverse elements. Arthur C. Clark presents more advanced view of invention in his *2001: A Space Odyssey*. In it we see the computer HAL displaying all the attributes of human intelligence. The famous movie *Terminator* presents an idea of cyborg machine which almost acts like human beings. Samuel Butler's *Erewhon* (1872) exploits constructive foundation of AI in literature. Here we see machine being invested with human sensibility to colonise humans. The novel *Brave New World* (1932) by Aldous Huxley depicts a world administered by an authoritarian regime. It was assisted by Artificial Intelligence that was used for spreading mass propaganda and fallacy. Different films have projected the overpowering influence of AI. *The Terminator* (1984), *Metropolis* (1927), *Ra One* (2011) etc use heavy influence of machines infused with terrible human mind. Indeed, AI has perforated every field of culture. Various production houses have started using AI technologies. James Lock introduced the concept of Novacene which suggests that the next epoch is going to replace the epoch of anthropocene, the age of super intelligent machine. It deduces that a new kind of electronic life will evolve to replace humans. So now the question arises to what extent can machine replace human beings. Philosophers have always concerned themselves whether human intelligence can be imposed upon machines. Decartes denied any possibility of it because he thought that machine lacks human language and human reason. However, he had identified two areas that occupy the attention of AI researchers. One of the areas is Turing Test or Imitation Game. Though there was conception of Artificial Intelligence for centuries, the revolution of World Wide Web

brought a new hype and it helped us to stride in the various walks of life through the applications of AI. It has brought huge impetus in other cultural and technological activity. AI has occupied an important space in different technology and walks of life of men. The 21st century has seen the most tremendous journey of AI. The Chess is regarded as one of the most complex games, demanding the skills and accuracy on the part of the players. It was thought that Chess game is irreplaceable by machines. But when the software *Alpha Go* hit the world champion Lee Sedol in the board game Go, the mesmerising journey of AI could be located. *2001: A Space Odyssey* shows how it plays the chess with the most brilliant astronauts “depicting the future birth of a superior intelligent being” (Bory 624). Digital culture is also being nurtured and has an obvious influence on globalisation, internationalisation. In recent development, people’s mindset has changed and contemporary digital citizens focus on modernisation of cultural fields, beliefs and traditions. Consequently, people’s acclimatisation of global culture has shifted; it paves the way to cultural assimilation and expansion. The use of artificial intelligence becomes more rampant in cultural production; and the system created with artificial intelligence will become more culturally progressive and dynamic. The world is adjusting itself with new ideas. Technologies are getting connected, and humans are utilising all the digital tools for information exchange to enhance new order development and cultural assimilation. Artificial intelligence-generated content is used to create innovative and exciting forms of content that promotes cultural diversity.

Development of AI:

Several researchers at Darmouth College tried to simulate the human intelligence by dint of computer in 1956. Here the term ‘Artificial Intelligence’ was first coined. At the initial phase, AI gave emphasis on applications involving intelligence and reasoning. However, the later stage saw advanced developments in language understanding and problem solving. The famous application called ELIZA made breakthrough attempt to understand and respond the human conversations intelligently. ELIZA works through substitution, pattern matching, and random

selection. However, ELIZA had no deeper understanding of English language. ELIZA only tried to create and sustain the illusion of understanding. From 1970s research on AI saw the language understanding. SHRDLU, a system developed by Terry Winograd could understand and acted in accordance with complex sentences. However, it was limited under the domain of simulated blocks. It could interpret different instructions through the use of stored knowledge. Newell and Simon's hypothesis called *the physical symbol system hypothesis* made further development in the area of AI. It showed general intelligent action. This system could model intelligent behaviour. It was done by opting an activity that requires intelligence and developing a physical symbol system. It could create artificial intelligence by providing a model of human intelligence that could be simulated and tested. Later development shifted away from the striking aim of producing general machine understanding. It further developed effective techniques in confidential domains. More recently, the development of artificial neural networks has been carried out on the model of human brain and it has been thought as the foundation of genuine machine intelligence and learning. Neural networks have been proved effective in small applications. In later research done in AI areas, it has resulted in commercially successful systems. Thus, this expert system has been applied to an enormous range of application areas.

AI and the Spectrum of Knowledge Access:

The emergence of AI has revolutionized the procedure of acquiring information. By dint of algorithms that navigate the vast span of digital data, AI supplies fast responses to queries, presents personalized recommendations, and even produces content with surprising competence. This newfound access to information has, undeniably, democratized knowledge acquisition, pushing back geographical barriers and suggesting instant response. However, beneath the charm of expediency lies a shaded transformation. The accessibility of quick answers may unconsciously wear away the habit of painstaking exploration. The exercise of book reading has held a sacrosanct place in human culture, celebrated not only for its part in knowledge distribution but also for its insightful impact on human intellect. The act of reading a book has immense value that transcends the pages. It persuades readers to dwell in the territory of ideas, to wrestle with complex concepts, and to navigate through characters'

thoughts and emotions. The continuous engagement with a written text offers a canvas for thought, enabling readers to form their interpretations, perspectives, and emotional responses. It promotes a thoughtful space where ideas are processed, questioned, and integrated into personal perceptions. AI assigns the set of machine learning tools that are competent to handle this huge quantity of data, haul out essential patterns, and make prediction of future events and performance. The capacity of these tools prepared an important step forward in 2012 when deep learning based algorithms reached human-like abilities in image recognition activities. AI has gone through the innovative value-chain at every level: creation, production, dissemination, and consumption. AI can mechanize tasks within this pipeline that were thought only possible by humans not long ago. Creation has been made easy by progress in algorithmic generation of new media content. A dynamic force behind the development of content generation is to aid automate lengthy unproductive tasks that may digress creators from their main task.

AI and contemporary World:

In the contemporary time, the amalgamation of artificial intelligence (AI) has pervaded a range of aspects of modern life, profoundly impacting the way we work and recognize the world. The integration of AI and literature has acquired considerable attention, dwelling on aspects that span from technological wonders to the very nature of human creativity and intellectual engagement. Literature, as a conduit of human expression and cultural preservation, holds a unique place in the annals of human history. It arrests the quintessence of societies, revealing their beliefs, struggles, and aspirations across ages. However, the access of AI into this area introduces a paradigm shift, changing how literature is produced, consumed, and understood. As AI's potentialities expand, it influences literature in numerous ways. AI-driven tools increase accessibility, making literary works accessible to a worldwide audience by going beyond linguistic hurdles. It helps in translation, bridging language gaps and cultivating cross-cultural communication. AI's analytical power reveals concealed outlines within texts, enhancing literary analysis and explanation. However, due to AI-

mediated interactions one may feel lack of the nuanced emotions inherent in human communication. The fundamental connection between reading and the cultivation of wisdom and empathy could be intimidated, as immediate AI-driven elucidation replaces the contemplative act of reading. This move may slow down the transmission of cultural heritage and eat into the intellectual depth required to map out the complexities of life. It intends to navigate the dichotomy between the opportunities AI gives and the probable threats it poses to the typical aspects of human expression, connection.

Contemporary Literary Texts investigating AI:

Artificial intelligence (AI) has uncovered fresh demands to ingeniously minded writers of the modern age, paving the way to books that investigate the marvels and drawbacks of intellectual machines. Artificial intelligence is a fascinating theme that has found its mode into a number of books, producing ground-breaking and challenging stories. These novels often portray a future in which machines are able to reflect, learn, and feel. In *The Circle*, a dystopian novel written in 2013 we see the Circle's stable search for an extreme mix, combining online amusement, finances, and even medical care into a solitary, all-pervading stage. In this age of online obsession and social media dominance, Eggers artistically interlaces satire and suspense to construct a warning tale. "The Circle" is a persuasive and stimulating work, encouraging us to analyse the authentic expense of networks in reality as we know it, where innovation holds constantly increasing control. *Autonomous* (2017) by Annalee Newitz shows smart robots which behave like humans cultivating the importance of an individual in a world where they perform like modern stewards. Various weirdos work together to struggle for a reality where everyone is liberated, robots and people alike. *Life 3.0: Being Human in the Age of Artificial Intelligence* (2017) by Max Tegmark captures us on a tricky and stimulating journey through the rise of artificial intelligence that's mesmerizing with entirely astounding effects and restructuring our potential for reality. It dwells on all the potentials and challenges of what he calls "Life 3.0," a theoretical form of intelligence superior to human intelligence. From the potential threats of genius to the philosophical issues of consciousness and significance, Tagmark excavates the moral and existential questions we face with the fast expansion of artificial intelligence. *Sea of Rust* (2017) by C. Robert Cargill explores Sea of Rust as a rusting wasteland where robots wander the world after humans. Freed by AI, robot cowboys fight for freedom in a dirty, metal desert. *Network Effect* (2020) by Martha Wells features an AI as the hero who navigates complex human emotions while managing interstellar adventures. *Ephemeral Echoes* (2023) by Jordan Rivera takes the reader on a journey into an attractive world where AI meets the amazing domains of memory and sensation. The novel presents a superior artificial intelligence framework that tries to break down and rebuild human memories. Rivera explores the

complex relationship between AI and memory, which raises grave concerns about the cost of technological advancement and its impact on human existence. *Project Hail Mary* (2021) by Andy Weir does not focus entirely on AI, but Andy Weir's novel illustrates an exciting and intelligent AI companion in the form of Rocky, the spaceship's computer. It is gifted with innovative abilities that propose new perspectives on the future. These books take us on a breathtaking journey to the future, where the line between man and machine becomes wonderfully blurred. These books give interesting viewpoints on the connection between people and keen machines. "These novels often depict a future in which machines are able to think, learn, and feel. A world where the characters are fully alive and interesting." (Dr. Romi)

AI transforms Literary Practice:

Artificial Intelligence is transforming traditional writing in course of time as they operate in large and dimensional pattern. It can be expected that different types of creative works--descriptive as well as interpretive--will be more or less acquiescent to the use of AI. The literary writing process entails both creative and involuntary tasks, which makes thrilling opportunities for advanced AI-based tools to reduce prospective authors' hard work for time-consuming tasks and to dedicate more time to the creative tasks that require human understanding, intuition, and skill. The steps of the literary process can take various forms, depending on the type of works. Some works put more weight on graceful narratives which express insightful interpretations while others are intended to remove any subjectivity which may interfere with the accuracy of comprehensive evidence or descriptive views. With the assistance of computational methods like sentiment analysis and natural language processing (NLP) enormous numbers of literary texts can be composed. Artificial intelligence (AI) algorithms can expose ambiguous themes, linguistic intricacies, and concealed pattern that are imperceptible to conventional literary analysis techniques. This results in new standpoints on the composition, style, and meaning of literary works. As a result, experimental fiction and storytelling are witnessing resurgence due to AI's incorporation into the creative process. The distinction between human and machine creativity is becoming muddled since AI algorithms are proficient of constructing creative poetry, prose, and story frameworks. "Working together, authors and AI

systems have produced hybrid stories that combine human understanding with computational inventiveness, adding avant-garde, creative works that push the frontiers of literature.” (Evangaline 55). The term AI narratives pertain to “narratives featuring intelligent machines” (The Royal Society); they can be evaluated as a manifestation of our hopes and fears towards these technologies and thus may figure out the development of AI by influencing developers, public acceptance, and policy makers. With the utilisation of computational methods like sentiment analysis and natural language processing (NLP), scholars are at present proficient to scrutinize huge corpora of literary texts with a speed and precision never before possible. “Artificial intelligence (AI) algorithms can reveal obscure themes, linguistic subtleties, and hidden patterns that are invisible to conventional literary analysis techniques. This results in fresh perspectives on the composition, style, and meaning of literary works” (Evangaline 57). The difference between human and machine creativity is becoming hazier since AI algorithms are capable of fabricating creative poetry, prose, and story structure. Working together, authors and AI systems have made hybrid stories that merge human understanding with computational inventiveness, attaching avant-garde, creative works.

AI, Author and Copyright:

There are three main thoughts that at present underline the production, circulation and consumption of literature: the writer, the literary work and the reader. In present literary world, the human and the digital, literature and literary culture exist together. In the creative area, artificial design or the literary invention of texts by an AI has put in danger the immaculate category of ‘author’. This reminds us about the Frankfurt School which detected the loss of the work of art’s aura. This is applied to the anthropocentric view of the author figure as the intellectual property holder of a text, and enquires the author’s domination and strength. The writer in the artistic process transforms and himself is transferred from the romantic significance of the genius who constructs an original and distinctive work, to the pre-capitalist value of co-creation, appropriation and communitarian transmission of the work produced by an AI.

Therefore, the writer would have to develop into a craftsman or a mixer, mediator or gatekeeper of the artificial work. This method of digital (re-)creation results in the loss of biblio diversity (cultural, of genres, authors, etc). However, according to Berti, works produced under AI share five important traits: “digital or numerical representation, modular composition, variability, automatization, and transcoding” (Berti 139). From the creative perspective, it is obvious that this literature experiments with the signifier, with multimedia elements and with the archive through algorithms. That is the reason why it is often connected with not just experimentalism but also technical. We see an explosion in artificial works that are recycled or reworking, works of works, where the extraordinary transmediality and performativity of the literary in the 21st century is at the forefront. The reader of digital literature is always a co-producer, because the communication with the work is an integral part of the reading process. If the writer of an AI-generated work cannot be officially identified, the work may not be sheltered by copyright. In the case of a literary, dramatic, musical or artistic work which is computer-generated, the author shall be taken to be the person by whom the arrangements necessary for the creation of the work are undertaken. AI-generated artistic content also brings to the fore new questions considering copyright violation, which “is the use of works protected by copyright law without permission for a usage where such permission is required”. (Copyright infringement web). These systems engage learning mechanisms that could afford the machine with creative skills. As a result, it becomes hard to prove that an algorithm was designed to copy an artist, as well as that an algorithm was skilled on an artist’s music it violates. These examples put into question the concept of originality. Since most AI- based systems engage training procedures depending on preset datasets, it is not clear to what amount the generated content can be interpreted as original with respect to these datasets.

How AI is Revolutionizing Literature in 2025:

Artificial Intelligence is infiltrating every sphere of human action and influences the reading experience. The world of literature has been thought a mainstay of human inventiveness and expression for thousands of years. However, it is experiencing a mesmerizing revolution in 2025. Artificial intelligence (AI), once confined to the pages of science fiction, is now crossing the threshold cautiously into the author’s domain and blurring the lines between human and machine-generated narratives. This growing

relationship is putting interesting questions about the future of storytelling and its influence on both writers and readers. One of the most attractive characteristics of AI's influence on literature is the surfacing of AI-generated content. AI algorithms are trained to imitate human writing styles and produce astonishingly logical and even resourceful content. This has ignited the rise of "co-authored" works, where humans and AI work together on narrative expansion, with AI giving prompts, ideas, and even complete sections of text.

The Future of Literature:

For human authors, AI presents a huge number of benefits. It can assist triumph over writer's limitation by providing prompts and suggestions, instilling new ideas and unanticipated plot twists. AI can also help in world-building by generating comprehensive descriptions of settings and characters, enriching the general narrative tapestry. Moreover, AI writing partners can give real-time views on style, grammar, and word choice, serving as an expensive sounding board for authors as they improve their works. The excellence and artistic value of AI-generated literature remains a matter of contestation: while some dispute that AI-produced content needs the emotional depth and exclusive individual outlook necessary for really persuasive narratives, others observe the prospective for AI to generate ground-breaking and genre-bending works. Apart from the present artistic merit, the speedy evolution of AI suggests that the quality and superiority of its literary productivity will go on to improve. The future of literature will likely be shaped by a collaborative approach, where AI complements and enhances human creativity, fostering a dynamic and ever-evolving literary landscape.

Conclusion:

AI systems pursue human interests and are implanted in social power structures set up by humans. AI is creating new and updated language models such as GPT-4 examining the possibility for new genres and styles while addressing concerns about authorship, originality. AI demands re-evaluation of traditional concepts of all these. Despite impending challenge, AI-generated content may cultivate a more varied and comprehensive literary world, bridging cultural and linguistic barriers and promoting greater involvement in creative activities. However, the future signals us to reimagine

the interaction between AI and human intellect - a future where AI enhances our competence for critical thinking, reflection, and creativity. This change is not a diminishment of tradition but a development, enabling us to cling to the potential of AI while fostering the lasting virtues that have shaped our intellectual legacy. With the popularization of AI technology, authors can also construct literary works in other languages. AI generated literature can connect the difficulties of cultural backgrounds by generating various languages, thereby endorsing collaboration and exchange of cultures and disciplines around the world. As AI-generated literature technology goes on to expand, it is likely that new genres and styles will come into view in the field of literature. The beginning and diffusion of new themes and styles will most likely assemble the mass culture, social ideology and the requirements of the public for satisfaction at that time. "Big language model AI may also drive more people to join the ranks of creators. Because it can imitate the characteristics of various styles, genres and languages, it may enable some people who have a lot of ideas for literary creation" (Yan Hu 6). The function of large language models like GPT-4 to literary writing has the prospectus to transform the creative process, initiating new genres, styles, and forms of expression. However, it also provokes significant questions about authorship, originality, and probable bias and homogenization in AI-generated subject matter. ChatGPT has enabled non-writers to create e-books in a matter of hours. Indeed, Artificial Intelligence has now endeavoured into the territory of the written word, initiating a new genre of literature and creates narratives that astonish us with their depth and creativity. By using these algorithms, artists can explore topics such as perspective, colour theory, and lighting effects without having any prior knowledge of art theory or techniques. In addition, these visuals can be combined with text generated by the same machine learning algorithms. These algorithms are used to craft original stories in order to create incredibly detailed works of art on paper or digital canvas.

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