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Artificial Intelligence as a hurdle to language and literature: An uphill to Creativity, Accessibility and Credibility.

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Abstract

The crosspaths of AI(Artificial Intelligence) and literature present abundant opportunities and unavoidable barriers in understanding and generating authentic literary works. AI has evolved to greater dimensions in Natural Language Processing (NLP). But, AI struggles in replicating literary expressions and contextual understanding. AI created content or literature has hiccups related to originality, understanding emotional depth including metaphors, symbols and perceptions. Literature is regarded as a distinctly human endeavor. Stories, poetry, prose and different genres of literature which are filled with deep emotional truths and author's perceptions are highly valued. On the contrary, AI creates content relying on patterns in pre-existing works leading to absurdity. On the other hand, AI holds the capability to reduce barriers by providing easy access tools for translation, summarising and literary recommendations. This paper analyses and explores the barriers that AI faces while engaging with language and literature. It also explores overcoming the limitations which could reshape the connection between AI and literature while respecting the essence of human creativity.

Introduction

No doubt that not only AI culminates numerous advantages in the field of language and literature, it also throws certain hurdles and tasks which can impact the world of language and literature. These issues are related to limited creativity, author's integrity and authenticity about the AI's role in the near future. This issue is better put by saying that AI contents could lack the emotional depth with the absence of human authored intentions, thus making a lifeless piece of art for the readers. Algorithms of AI are such that it is trained to create any piece of work, completely relying on pre-existing data, which ultimately results in redundancy styles or structures. It also raises concern about the reliance of authors on AI to draw inspiration or drafting any related data which could deplete the creative skills, denting the richness of diverse literary talent in the long run.

Review of Literature:

- Nishika, Gupta, et al., 2017 studies about AI as an endless data catering platform which can understand the concepts beyond the words actually told, and allows for more humanlike conversations and improved translation. The research primarily detects human emotions through audio and video clips. The survey deals with upbringings in the field of AI and its applications. It also warns the researchers about the barriers they will have to encounter.
- Jiaying, Liu, et al., 2018 examines how AI has displayed upward trend evolution in human society. The study showcases fast growing features in multidisciplinary fields in which it is difficult to understand thoroughly. The study explores the inner structure limiting the term to "evolution over time". The study provides deep insights in the present scientific innovations and throws light on funding policies.
- Yash, H, Danecha, et al., 2023 deals with advancements of AI assessment tools for plagiarism checking. The study aims to scrutinize the transformative impact on Artificial intelligence on English language and literature.
- Kannadhasan, M, et al., 2024 evaluates the role of AI in teaching English language with the help of digital platforms which has made acquiring English language easier. The study also deals with access to AI and a wider data driven adaptive system.
- Fengyue, Hu, et al., 2024 examines the application of AI technology in teaching English which can provide appropriate substitute support under temporal conditions by analysing 'learners' outcomes. The study explores the interference of artificial intelligence while teaching English to college students.

Objective:

- To assess the interference of AI in the field of language and literature.
- To identify the techniques on interpreting literary text, identify patterns, emotions and themes.
- To examine AI algorithms in measuring emotional tone and sentiments of authors.

Threat to authorship and literary content

A sharp spike in AI generated concepts uphold the complexities at the root level as the perceptions of authorship, questioning of intellectual properties and ownership make it a prime focus. Determining the authorship rights is ambiguous and threatens the integrity of intellectual property laws and identification of authorship. Addressing the issue of AI generated concepts is a major problem as it is skeptical to who owns it. This noticeable gap can lead to confusion where AI concepts are manipulated by human writers individually or in collaboration, leading to evolution of ghostwriting or to imitate other author's styles eventually devaluing authentic works. The major hiccup pops up when AI limited trained data leads to a biased chunk of piece in reinforcing or replicating the stereotypes works in literature and language. It blurs the viewpoint of creating a perfect echo chamber within the boundaries of language and literature leaving out multiple genres or styles. Ultimately failing in precisely representing culture, race, gender or even insensitive portrayals. This could cause alienation in the readers from diverse backgrounds which can swarm the digital market leading to devaluing of literature both financially and culturally. One can also notice a decrease in artistic and cultural values. When AI created literature becomes predominant, radical distinctiveness of man made art can go undervalued. AI generated content can also mitigate the large number of readers from the cultural, philosophical and emotional contributions that literature has made to society. The low cost of AI produced content can diminish the value of literature and take away the readers from paying for the books which makes it quite challenging for human authors. It is also very vital to identify the complexities introduced by AI generated literature due to less adequate interpretation of its analysis, motivation, its context and meanings. So, unlike human authors it lacks authorial intent. In a wider context it can lack self awareness and the core purpose of its creation. This is a threat for the literary critics and scholars to assess and analyse the AI text for its deeper and significant meaning or symbols. AI might produce a paper with a pattern but it lacks the intentions or underlying emotions of a human author. Literary critics might face an uphill in classification between a mere algorithm and the genuine depth of literature. Further, the use of Artificial Intelligence in literature can create chaos on how to interpret and decode the AI generated works by setting up a challenge for the critics to reshape and redefine the meaning and context in the field of literary analysis.

Impact of AI in data accessibility

Equal accessibility for all the writer and readers becomes a major concern as AI based tools are quite expensive or even require minimum technical knowledge, which might raise inequalities amongst writers. Authors with low income might deny the access to such tools which could potentially hinder the opportunities to contend in the market. With no internet access AI driven content might limit readers to gloom. This could stimulate a bifurcation in how content is consumed, wherein fewer readers have access to high end enhanced AI tools. But, AI content comes with a dependency glitch as it requires continuous updation and digital infrastructure. In regions with stipulated resources, dependency on advanced technology could hinder the global access of AI innovation contents.

"Literature adds to reality, it does not simply describe it"- C.S. Lewis.
Indeed literature has traditionally been a human centered art form, but indulging AI becomes a far -fetched concept to readers from human experience and lacks unique emotions that literature conveys as AI dearths the personal touch that human creation offers. It gives language and literature its emotional reverberance and reduces emotional authenticity, though AI can mimic emotions, it lacks experience that human emotions offer. Readers frequently connect with literature due to human experience offered with it. One can feel the intense emotions like the author's intentions, his voice, struggles and his whole self too. wherein AI literature might lack the core emotions of humans which can make it harder for readers to connect and bridge a bond with the work. As the dependency on AI generated literature becomes integrated into the literature writing process which can lead to the loss of literary tradition. There is also a major concern that literature techniques and its values can be overshadowed by AI content. It threatens the role of aesthetic literature as a bridge between generations.

Reliability of AI content in education

Use of Audio visual aids by the side of chalk and talk have been proved to be one of the best methods for effective teaching. But, in the modern era, the question arises about the increasing interference of artificial intelligence (AI) in every aspect of education. No wonder with a click of a button, one can access any piece of information across the globe. Indeed, AI acts as a torchbearer in the field of education by catering data with an agenda of 'One Touch and Download All'. AI can be seamless in providing abundant resources which could be a game changer in every aspect of our lives. It can also enhance the knowledge and clear understanding of concepts with vivid description and relatable images or diagrams without any glitch. AI algorithms also become very handy in analysing student's data based on learning style, their performance on any online or offline exams and learning pace. This could ensure specific support in areas of progress to cope up with their individual pace. One should also note the problem lies at the root level of over dependence on AI for readily available materials both by the tutor and pupil. Educators require adequate access to technology with suitable gadgets with moderate internet connectivity. On the other hand, accessed data can also create differences in a student's capability in utilising it to the fullest. Lack of trained teachers without thorough and reliable knowledge about tech and AI could only limit themselves in doing justice to the students.

Conclusion

The paper examines the reliability of Artificial Intelligence in the language and literary field that focuses on how AI enabled data can interpret the texts. While AI has true potential to transform pre-existing data by optimising the ethics and empower readers with valuable insights and experience, some of the barriers posed by AI could be irreconcilable to authorship in the future. It can hinder the true connection between a writer and readers by declining the rich communication and potential misinterpretations of text by struggling to completely understand the context of the author. Fully relying on AI could also dent the pace of acquiring sophisticated language skills in students. Therefore, it is very crucial to channel the AI inflow in literary works and cross over the hurdles related to originality of texts and authorship.

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