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Is AI (Artificial Intelligence) Supporting or Stifling Creativity? (BMSW4013)

We live in a time where AI (Artificial intelligence) is improving on an exponential level, therefore AI is the first tool most people go to due to convenience as AI can answer in a matter of seconds. However, it weakens critical thinking as many students can get overly dependent on AI and lack originality in their work.

The question whether AI is stifling or supporting creativity is based on perspective but in my opinion, I think there's more evidence as to why it could be negative towards our creativity as the outcome of overusing artificial intelligence could decline our intelligence. Overall, AI is simply just a creative assistant therefore its use shouldn't be overused and presented as the main objective; it should be used as an aid. Students who often use AI to do their work often don't gain enough knowledge through efficient

research as AI can write out an entire essay under a minute. This specifically is a threat to students understanding because it reduces our ability to solve problems and analyse therefore students overlook the opportunity they have at developing these skills Some experts have raised concerns that AI could reduce learners' ability to problem-solve by themselves and could stifle the development of some skills (Smith and Gajjar, 2024). **Creativity is an essential part of our humanity that's what makes us original and unique therefore having this technology debilitates our critical thinking which is needed as students intellectually grow through inaccuracy so having this technology leaves no space for students to make mistakes they can learn through during their studies and they are essentially robbing themselves of the experience of having to reflect on their work and potentially giving it another shot** A core objective or outcome of many AI applications is disintermediation and/or automation, i.e. removing human elements of processes and replacing them with machine calculation (Hall and Ellis, 2023). **AI is perfectly capable of writing an essay of any form whereas oftentimes a student who would do it themselves would make it rough and not so perfect which is exactly what students need to go through to perfect their work which is through trial and error. AI can make students leave out the mental effort to build skills as its simply a shortcut for students excluding the pathway a student would create for themselves without the use of AI. As a**

society we perceive that anything that's time consuming is instantly considered inconvenience which puts our mental growth in a challenging situation because for us to create and be creative we need to evolve and be motivated to form new perspectives, purposes and most importantly goals, one thing I think we can all collectively agree on as a society is that we don't support when people steals or copies things without giving credit, for example art, recipes, literature, music and gadgets **its ability to out-perform all human creatives (Wade, 2024) Oftentimes these examples wouldn't be what we know them as if people didn't invest all their time, devotion, effort and emotion into creating them it's sort of what gives that person who has the talent and patience to create all these examples an identity which is exactly what AI is stripping away from us which is technically self-plagiarism because were allowing AI to do the work for us essentially advocating for the erasure of the work of humans** they may also result in quality issues and unintended plagiarism. (Smith and Gajjar, 2024) . **AI has gotten sophisticated as now it can create a full movie taking away the jobs of a director, producer and actors and many more roles that come into play when it comes to filmmaking, eventually over time it can take away many other creative roles humans make a living out of endangering our future**

More than half (61%) of large US firms plan to use AI within the next year to

automate tasks previously done by employees (Smith and Gajjar, 2024). **In addition, not many of us have the chance at an education for example becoming a doctor or a nurse so those who haven't got these fortunate choices will drastically fall behind.**

In conclusion having this advanced technology is both a blessing and a curse. Yes, its easily accessible, time efficient, and convenient but then again it strips away the trial and error of going through challenges to gain experience and knowledge not to mention the feeling seeing your accomplishments knowing what we achieved has been done authentically and honestly, using AI should merely be used as a form of assistance and not a solution. On the other hand, students 30 years ago didn't have AI to help them so it's not necessary for us to have it as an everyday use in our lives.

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