The Benefits and Drawbacks of Online Learning in contrast to Traditional Learning (University students)

Brief:

The emphasis in education is on e-learning, commonly referred to as online learning. Since the COVID-19 epidemic, which compelled many educational university institutions to embrace online learning as their principal means of teaching, this sort of learning has grown in popularity for university students rather than traditional learning.

Artificial intelligence (AI) is used in online learning some may know software like ChatGPT. By giving pupils customised teaching and feedback, AI has the potential to revolutionise online learning, but there are also ethical questions regarding its use in schools.

We selected this topic because there has been much discussion and interest in the advantages and disadvantages of online learning vs traditional schooling in high ends of education like university, particularly during the outbreak of the epidemic online learning was popularised due to many being stuck inside. It is an important issue that is both topical and relevant, and it has important ramifications for how technology will be used in education going forwards.

Opportunities:

Research opportunities: include comparing students' academic performance and learning outcomes in online learning against traditional classroom settings. This can provide information about the effectiveness of online learning and highlight areas for improvement.

Enhancing educational accessibility: Online learning has the potential to make education more accessible to a broader range of students. This comprises students who are unable to attend traditional institutions due to geographical restrictions, financial restraints, or other factors. Exploring strategies to increase online learning's accessibility and inclusivity can have a huge societal impact.

Collaboration and networking: Online learning systems can let students from different geographical regions collaborate and network. This allows students to participate in debates, share ideas, and work on projects with peers from all backgrounds. Investigating methods to improve virtual collaboration and networking can improve the social and learning components of online education.

Risks of Online Learning

- There is a risk that AI can deviate away from the traditional education environment. Although the technology can be useful in online education, supporting the learning of students and helping instructors, there are some implications on how AI can be used to provide authentic online learning.

- Education hasn't been able to adapt fast enough to adopt the application of AI in online learning which means there isn't much research on the connection between AI supporting online education and how it may affect it.

- There are some challenges and advantages that online learning poses, for example the inclusive and equitable use of AI. It can be helpful for those who are at a disadvantage to those who do not have accessibility to traditional schooling. However, it can also easily be taken advantage of and used in malicious ways.

Conclusion

Present our topic through a web resource(GITHUB):
https://github.com/Johannesburgg16/Comp501.git

Group roles:

Researchers- Olinda Tour, Haylin Van Arts, Johann Sebastian Tungol Guadalupe
In our group of 3, Olinda, Johann and Haylin will contribute together to research and find the benefits and drawbacks of online learning in contrast to Traditional Learning (University students). Our aim is to gain an extensive amount of info with the use of our academic literature, reliable websites, and school articles. By reviewing our information, we are able to analyse our given data and see what is relevant to our topic. Each individual will share each other's ideas/found research and use it to refine our groups analysis on the topic.

Writer- Olinda Tour, Haylin Van Arts, Johann
Olinda will be the lead role for writing but will also be supported by Haylin and Johann, their responsibility is turning the research found by us into a well written piece. With the help each other they can create a well-structured article that consist of points, arguments and evidence from the research we found that was important and relevant to our topic. With our research they can easily be used to support our claims about the topic. To improve the writing's clarity, readability, and coherence, they go over it again and make revisions .Together, Olinda and Haylin answer any queries relating to the research, and make sure the content is accurate.

Coder- Johann Sebastian Tungol Guadalupe, Haylin
Johann and Haylin will create and design a website with the resources the group has found and written. Johann/Haylin will develop a website revolved around the topic The Benefits and Drawbacks of Online Learning in contrast to Traditional Learning (University students). As the coder will need to build the website using languages like html, css, javascript, and etc. Johann/Haylin will create the website layout and add in the given information written from Olinda, Johann and Haylin.

Conclusion:

The benefits that Online Learning offers can be very beneficial to those at a disadvantage in communities that lack accessibility to traditional schooling. AI can be used to enhance education and learning but care needs to be taken so that the use of AI in online learning is not abused.

References [for risks]

- https://oaj.fupress.net/index.php/formare/article/view/8113

- http://repositorio.minedu.gob.pe/bitstream/handle/20.500.12799/6533/Artificial%20intelligence%20in%20education%20challenges%20and%20opportunities%20for%20sustainable%20development.pdf?sequence=1&isAllowed=y

- https://link.springer.com/article/10.1007/s10639-022-10925-9