

ChatGPT; Boons, Detriment and Future of Education

DATE 23.08.23

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Outline

1. Introduction

A. Emergence of ChatGPT

B. Thesis Statement:

2. Understanding ChatGPT Briefly

3. Boons of ChatGPT

A. Ability to do repetitive tasks

B. Specific query related responses

C. Solution serves as a solution

finder

D. Access to wide range of information

E. Saves time with its efficient nature

4. Detriments of ChatGPT

A. Job displacement

- Data analysts, writers, Evaluators

B. Inaccurate information with ChatGPT

- case in point: Maulvi Tarruzaiddin case

C. Over-reliance detrimental to human creativity

D. Hackable nature of ChatGPT could compromise sensitive information

5. Manifesting the Future of Education

Given the Rise of ChatGPT

A. ChatGPT could serve as a practical mentor

- making users understand with illustrations

B. Minimizing research conducting time

C. Plagiarism threat

D. Drastic shift towards from

physical education to virtual

Education

Case in point: German Education System

E. Threat of disinformation associated with ChatGPT

6. Conclusion

Essay

Gone were the days when researchers spent long hours looking for references and adequate information. Humans are no more required to do repetitive tasks such as data analysis; which exhausted their energies from both ends. Similarly, articulating lengthy texts, documents, research reports have become convenient. All this has become possible with the advent of ChatGPT. It is an artificial intelligence tool with super capabilities of performing all above-mentioned tasks in minimum time. It has revolutionized the fields of science, education and provides ample opportunities for paramedics as well. Surprisingly, it has outnumbered giant search engines like Google with its

specific answer giving abilities. Nevertheless, all of these blessings of ChatGPT come with curses. The setbacks of ChatGPT like job displacement of various segments of society, its vulnerability to hacking, and inaccurate information, in some cases, have concerned the world. On the other hand, the future of education in such an atmosphere appears to be like following, students getting a practical mentor in face of ChatGPT. The time conducting a research would decrease significantly, and students might get an output of fake information, at some instances, as well. The essay will explore the advantages of ChatGPT, in the second part will describe its detrimental impacts and in the last will provide the future of education through the prism of ChatGPT.

Understanding ChatGPT is imminent to have lucid understanding of the topic. ChatGPT stands for Chat Generative Pre-trained Transformers. It has gained currency in later years of 2019-2020. It is because of its super intelligence and efficient

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minimum time, which requires
 a human to invest his/her
 maximum time and energy.

The ~~doing~~ ^{performance} of some tasks
 again and again annoy human
 nature, but it is a game
 for Chat GPT. 'Data Analysis is
 a difficult task done in a
 convenient manner, and for
 free by Chat GPT'

- Yusef Noveri Herrerri

A prominent scholar
 Secondly, Chat GPT, unlike
 other search engines as Google,
 Bing, does not provide a
 generalized response. It has
 a super ability of giving
 specific and to the point
 response in regards with
 the query. A Gallup poll
 conducted in 2023 contestated
 its ^{ChatGPT's} specific responses the
 reason for Chat's
 immediate rise. whereas, other
 search engines require human
 to delve deeper and look
 for their answers. Chat GPT
 provides specific query
 related answers saving human
 effort and time.

Thirdly, Chat GPT
 has solutions for problems

of every nature. If one asks it for a medical prescription, it gives one while providing precautions. It provides help for starting a car, when one is stuck. It provides solutions for one's personal problems after due analyzing of the situation. Thus, it serves as a solution finder for every problem, every situation and is available all the time to provide with ample opportunities of giving prudent answers.

Fourthly, Chat GPT has access to wide range of information. It is fed with every type of knowledge like Sciences, Psychology, medical, Aeronautics, mathematics, laws and ethics, and religions. It enables Chat GPT to take every question irrespective of field and answer it. The wide range information available with Chat GPT allows it to answer every and each question. A PEW research in 2021 conducted with Chat GPT platform and its users concluded that it is intelligent than hundred

of smartest brains on earth!
Its IQ is more than human
will ever achieve in life.
Therefore, ChatGPT's access to
wide range of information
has made it a combination
of thousands of libraries.

More importantly, its
efficient nature saves a lot
of time of human beings.
It performs functions like
essay writing, research writing,
evaluation and data analysis
in number of seconds. All
of this would otherwise take
hours, days and even months
of a human, which human
now can utilize somewhere
else.

"Time is money"

- Anonymous

Therefore, it is saving time,
money and energies of
human beings by doing
their hectic work in seconds.

All of these boons
come with a price. The
price is for which will be
paid by the humanity -
the users of ChatGPT.

It goes without saying that
ChatGPT, having number of

boons, also has some detrimental impacts. These setbacks have concerned the world and the makers of the platform. Thus, a view at the setbacks of Chat GPT is important to have a holistic understanding of the topic. The detrimental include the following.

First and foremost is the threat of job displacement associated with the emergence of Chat GPT. It is rational to conclude that where will writers, researchers, evaluators, lawyers, paramedics and artists of prose will go when all they do in days and months taking due charges will be done by Chat GPT, and for free of cost. This certainly is a grave impact of emergence of Chat GPT. There, fore, the threat of job displacement is inevitable and unavoidable with the advent of the platform of Chat GPT. Secondly, Chat GPT in some cases, not every

time though, has incorrect and false information. It can be proved from the fact that the famous Constitutional case of Maulvi Tamizuddin is misinterpreted by ChatGPT platform. It states the ~~the~~ final decision of apex court came in favour of Maulvi Tamizuddin - which is incorrect. It was actually ruled in favour of Federation of Pakistan (Constitutional and Political History of Pakistan: Hamid Khan). Therefore, there are ~~similar~~ some instances when the most brilliant tech-bot available on earth is wrong too. Thus, false information could result in providing misquoted facts and information.

Furthermore, given its ability of immediate responses and easy to access, public at large is increasingly shifting to use of ChatGPT. A Gallup poll concluded American users are largely shifting to ChatGPT. This over-reliance could lead to decrease in productivity of humans, where human eye unable

to think critically and become creative. This is a detrimental impact of ChatGPT, and the most concerning one.

In addition to that, a recent report published in Wall Street Journal in February shows reservations for ChatGPT's loose loopholes. It further states that the platform, which is called a revolution, is hackable. And its vulnerability to be hijacked could result in a catastrophe. Given the wide range access of information of its users and the information it has feeded in itself, it could compromise sensitive information it holds with itself and jeopardize privacy of public at large. Thus, the platform is prone to being hacked which could compromise sensitive information and could result in a catastrophe.

All of the information illustrates the platform of ChatGPT has valuable benefits along with detriments. Viewing its impacts on

future of education would make one understand the future of education through the prism of Chat GPT. Following given the emergence of Chat GPT, the future of education would look like this:

Firstly, if one be sees optimistically Chat GPT would serve as a practical mentor. It is because the platform provides with lucid thoughts & conveyed with simple illustrations. It helps students, learners, and people who want to understand comprehend things in the simplest manner.

This would educate every user of the platform and improve literacy rates and people by then would understand the concepts thoroughly.

Secondly, emergence of Chat GPT has influenced the researchers seek its help for their purpose of research. It provides them with required data in a very short span of time, which otherwise

would have taken their long time. This will eventually lead to decrease in time of conducting a research. Moreover, the availability of an inch close teacher would shift the dynamics of education from physical form to virtual form of education. It is already happening in German schooling system. The subjects are being researched on ChatGPT more than being discussed with a physical teacher. Germany is heavily investing in A.I industries like ChatGPT. The precedent could be followed by fellow countries as well in the future. Thus, the future of education might include minimum physical teachers and maximum A.I powered chatGPT mentors. Lastly, the education system in future might be flooded with disinformation and incorrect facts as mentioned earlier in Maulvi Tamizuddin case, there will be scores of such files - incorrectly loaded in ChatGPT. Therefore, the

future of education might face disinformation threat given the increasing reliance of education sector on chat GPT platform. This would result in a generation fed up with information and facts which are incorrect.

To conclude, the effort of human has decreased manifold, the struggle to find exact answers has ended, and the human time sever has come. It is a list of miracles performed by chat GPT; an artificial intelligence chat-bot, which has revolutionized the world. However, all of these miracles come with a price - which is detrimental. It results in jobs displacements, disinformation and less creative humans due to over-reliance on the chat-bot. whereas, the future of education might take a bumpy road as well, where chat GPT might overtake as the best mentor, while facilitating researchers and reducing research time. In the end

it could result in a population with incorrect information and facts. Chat GPT is a blessing which has some detrimental impacts, and is instrumental for future of education while posing minimum threats.

(Madam the count of essay is around 1950-2000 words, written in 2 hours 55 minutes.)

(Please suggest a topic for my next essay, and provide detailed remarks madam. Always Thankful to you)