

AI & the Death of Creativity (2021) Outline

Introduction

The rise of ~~the~~ Artificial Intelligence in today's world
Causes of human dependence on Artificial Intelligence

3a) The primary reason for growing dependency on AI is unparalleled convenience it offers.

(voice commands e.g. virtual assistants)

3b) They also help institute in enhancing productivity

(e.g. AI-powered robots - speeding up productivity)

3c) AI systems can also analyze vast amount of data that might not be obvious to humans

(AI algorithms in health, financial & manufacturing sectors)

3d) The cost-reduction & quality of AI ~~is~~ also makes it an attractive option.

(McKinsey: AI tools annually save \$150B)

3e) It can also improve accessibility for people with disabilities

(Netflix uses AI to create custom captions for

~~How~~

visual and audio assistance)

4. How AI is death of Creativity

4a) Increasing role of AI in policy development is diminishing human contribution in politics.

(Trustworthy: AI monitoring system to monitor presidential election 2024 in America)

4b) Overdependence on AI in the economic field also creates an alarming situation

(Mustafa Sulaiman: 'The coming wave')

4c) AI's ability to identify problem can reduce the intellectual superiority of human

(Weathercast & identifying weather)

4d) The problem solving capabilities of AI can also jeopardize human imagination

(AI role in UN sustainable development)

4e) The ubiquitous role of AI in education is making human creativity vulnerable

(Khan academy & American educational organization)

over reliance on AI tools in research and development can also limit the role of human in scientific world.

(National institute of health: AI positive role in Covid researches)

In the field of security, AI has nearly superseded human.

(Miller's book: "Chip War")

5. AI can also enrich human creativity in certain aspects

sa) AI augments human creativity rather than replaces it.

Counter: (investmen hart - Goldman Sachs: AI could replaced 300 million jobs)

sb) AI can lead to exploration of new territories of knowledge

Counter: (Noam Chomsky sees AI as plagiarism software)

6. Way Forward to make best use of artificial intelligence while preserving human creativity

aa) Reimagining collaboration between AI and creativity

(UNESCO: emphasis on human centered approach to AI)

bb) Address ethical considerations and inclusivity (UNESCO recommendation on the ethics of AI)

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6c) Promote best practices of AI
in creativity of human mind.
(IBM's adaptation strategy)

6d) Monitor and evaluate the impact
of AI
(^{eg} machine learning models)

6e) Education and adaptation ^{to} of
AI in today's world

(Dr. KK Ramchandran research
training programs fill the gap
of AI adaptation)

7.

Conclusion

AI: The death of creativity

This year, in 2024, Pakistan sent its first aircraft on the moon with the help of China. This incident has made Pakistan one of the prominent countries in Asia as well as Islamic. But along with China there was something that helped Pakistan to witness this remarkable achievement and that is "Artificial Intelligence." Yes, Artificial intelligence had made Pakistan's 1st tour from earth to moon possible. In this 21st century, Artificial intelligence is everywhere, even in home door locks. Despite its positive image to the world, it also has some negative impacts. One of the prominent of them is "the death of creativity." As, Jean Baudrillard, a French philosopher, once mentioned the soul reality of Artificial intelligence: "Artificial intelligence lacks artificial and therefore intelligence." Similarly, there are many causes that have increased our dependence on AI. Its unparalleled convenience, extra productivity, inefficiency and accessibility are some

of them. All these qualities collectively increase human dependence on AI and further ~~in~~ cause slow but steady death of human creativity. AI does it by increasing its role in policy making, economic stability, and research and development.

Furthermore, its capabilities of identifying problems and solving them, are also made people to rely on it and lose their creative skills. However,

it also has positive impacts on people and many people argue that it enhances creativity rather than destroying it. Moreover, there are also some remedies that

allow people to make best use of AI. The collaboration between

AI and creativity, monitoring impact of AI, and promoting education and adaptation of AI, are some of

them. In short, AI is the death of creativity. As it puts a lot of

negative impacts on people's creativity by ^{extra} spreading its arms in political,

economical, research and development and many other fields. However, there

are many possible ways to reduce its negative impacts and enhance its

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role in human creativity.

In today's world of modernity, people are experiencing AI everywhere. AI have made the world very easy to live in. Just on one click people can extract all the information on any specific topic.

The advancement of AI is not limited and restricted to just one field. The usage of AI can be seen in medical, research and development, education fields, even in politics. With the developing technology, AI is also advancing day by day. "According to the World Economic Forum (WEF) recent report: In 2000s only 11% of world was online but now more than half ~~than~~ of the global world have access to the internet."

This means, by using the internet services usage of AI has also increased. And in future it will further expand. Hence, AI is rising day after day in the modern times.

However, with the rise of AI, human dependence on it is also rising. There are many different causes that

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enhances people's dependence on AI. Some of these cause are also mentioned below.

one of the primary reasons of over dependence on AI is the convenience. Just on one call people can get anything what they want from it. Its quality of convenience is made it one of the best inventions ever. For example AI-driven virtual Assistance has made people lives very easy. When people come to their home after their hectic job, just on one call their AI virtual Assistance Turn on the lights and AC. This type of convenience forced people to follow AI and make their life more easy. Therefore, AI unparalleled convenience is one of the reasons of over-reliance on AI.

Similarly, its capability of enhancing productivity is also made people fan of it. Many of the industries and institutes use

AI extensively need productivity. because of its large scale industries. more AI-linked can work on less researches have proved that many AI-powered robots can double the productivity of industries and production institutes. This unique feature can not be ignore by large-firms owners. Hence AI's quality of firm's productivity is one of the causes of people over-reliance on it.

Furthermore, AI can be easily accessible to vast majority. that further increases the dependance on it. Its quality of accessibility is one of its prominent quality of AI. Its not only easily accessible, but it also improve the accessibility of other technologies. These accessibilities are very helpful for those who can not access it because of their disabilities. As, Netflix use AI to create custom captions for visual and audio assistance. Through this features, one, who has some kind of disability, can also

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enjoy the Netflix movies. In this way, people's reliance on AI has increased because of accessibility.

The above mentioned features are forced people to over-depend on AI. These features allow AI to be part of many different fields that further enhance people's creativity or it and reduce it using AI. Some of the reasons that make AI, the death of creativity are as follows.

First of all, increasing use of AI in policy making is diminishing human contribution in politics. As AI stance is considered as most accurate because it is a research based technology. So, politicians and leaders are started totally rely on it. They stop their own thinking their experience and conditions and start following AI in policy making blindly. As, America, to bring transparency and ensure right information, regarding its 2024 presidential election has initiated AI-driven centralized monitoring system.

called "Trustendinfo2024" done by human but they choose an AI program to do this job. Hence, increasing role of AI in politics is causing the death of creativity of politicians.

Secondly, overdependence on AI in the economic field also causes an alarming situation for human creativity. AI-powered machines work more effectively and errorlessly as compared to labours. This allow industries to totally rely on these machines rather than workers. This concept of over-reliance further erodes the creative skills of workers. Mustafa Subeiman wrote in his work "The coming waves" that: AI industry will control the market, business operation and governmental services in near future. That means further loss of creativity in near future. Therefore, overdependence on AI also creates trouble for human creative minds in economic field.

Thirdly, AI's ability of identifying

problems can also reduce the intellectual superiority of human beings. AI is more accurate in future prediction related to weather, disasters and other events. This makes people to put all the burden of identifying problem on AI shoulder and themselves take a side. "As, Graphcast is one of the most accurate AI-programmed weather predictor." This ability of AI does not allow people to think by their own minds. Therefore, intellectual superiority of people can be reduced by AI more accurate problem identifying techniques.

Fourthly, the problem solving capabilities of AI can also jeopardize human imagination. Along with problem identifying, AI is also more better than human beings in problem solving measure. AI can suggest such types of measure that is beyond human's imagination. "As United Nation widely use AI in its different plans and AI role in UN sustainable development project is remarkable, that give the

prominent solution to sustainable development?" This thing ^{further} enhance human reliance on AI, even in problem solving steps. Hence, human imagination power is getting decrease due to AI over involvement in problem solving measures.

Fifthly, the ubiquitous role of AI in education is also making human creativity vulnerable. In education AI influence is very high. To solve even a small mathematical equation students have started relying on different AI-powered educational applications. They are not rely on these application just for mathematics but also take help from these applications in their homework and assignment. "chatgpt is one of the biggest examples of this. Students just write one line on it and it explains all the concept to them?" But students not use it in an effective way. They just try to unburden themselves from school assessments. In this way, the

role of AI in education can also decrease the productivity and creativity of students.

Sixthly, Over reliance on AI tools in research and development, can also limit the role and creativity of human in scientific field. Research and development is very much important to boost once creative and critical spirit. But in today's world the job of researching is more often done by AI. This is directly affecting the people outside.

"According to the National Institute of Health: AI has performed very well in Covid research." Day by Day people reliance of AI in the field of research and development ~~are~~ is increasing. And this over reliance on AI is further shortening the creativity of researchers. Hence, over dependence on AI in the field of research and development also affect people's creative mind.

Seventhly, In the field of ~~AI~~ security, AI has nearly superseded human. With increasing technology

security issues is also arising. As cyber crime, cyberbullying, even stalking and theft. AI-powered tools and applications have provide very quick solution to these problems. So, now people are not wasting their time to think how should they ~~can~~ reduce their crime. They just click on their screens and everything is done by itself. "As in one of the famous book 'chip war' written by Miller, he mentioned how with the help of AI, us overcoming the Soviet union by rendering their previous-guided weaponry ineffective." All these things make human lives more easy but it also holds its drawbacks. As, people ^{has} stoped thinking by their own and just become slaves of AI. So, along with other fields, AI has also turned down human's mind in the field of security.

There is also another side of a coin. Many people are also in favour of that AI can also

enrich human creativity. Some of these arguments are written under.

One of these arguments is that AI augment human creativity rather than replace it. These people are in the favour that human can use AI programs to enhance their information and get the desire job with the help of AI. And AI helps many of unemployed people to furnish their skills and be employed. But it's not the whole story. "According to the one of the report of investment bank - Goldman Sachs AI can replace 300 million full time job". AI-powered high technological machines can easily be used as an alternative of slow working labours. Hence, it can be seen AI can take human positions in upcoming futures.

Another group argue that AI can lead to exploration of new territories of knowledge. With the help of AI, people can get innovative ideas on different problems and can make people's lives

more easy. Although, AI can enhance innovative ideas if not in all cases. In many cases, they just repeat previous knowledge and their base is mostly already available human concept. As, Noam Chomsky, one of the famous modern linguisticians, calls AI as a plagiarism software. He sees use of chatgpt as basically high-tech plagiarism. This fact puts light on the other side of a page that AI is a plagiarist software. Therefore, it can not lead to exploration of new and previously unmentioned ideas.

However, there are also some road map to make the best use of AI while preserving creativity. These are as follows.

Reimagining Collaboration between AI and Creativity is one of the solutions of above mentioned problems. This solution emphasizes focus on human centered approach. As, AI's main focus should be human's intelligence. They should

work under human rather than
 over them. Students, politicians,
 organization, should think about their
 problems by themselves & make
 plans by their mind and then
 involve AI for further implementation.
 "Even, United nation educational,
 scientific and cultural organization
 also emphasise on human-centered
 approach of AI." Above mentioned
 fact has proved the importance of
 human centricism to AI. approaches.
 Therefore, people should take actions
 to reimagining collaboration between
 AI and human creativity.

Last but not least, ^{for} monitoring
 and evaluating the impacts of
 AI, measures should be taken. As
 monitoring one can know about
 the real problems of human in relation
 to AI. ~~can~~ be there are many
 different tools to monitor
 the productivity and working of
 AI. "One of the prominent tool
 is machine learning tool. Through
 this tool people can easily find
 out what is the problem of
 AI-powered machines." This further part

of this solution that is 'analyzing' can be performed by humans to analyze the report of monitoring. This approach also help human to use his creative mind to find out the solution. Hence, monitoring and evaluating AI-powered machine should be taken as a solution.

Finally, education and ^{proper} adaptation of AI is another solution to modern problem of AI. A lot problems related to AI is just arises because people have not proper AI-education and they do not proper adopting AI technology. So, government should take some steps to provide proper AI-education to students and other related people. In this way people can adopt it where needed rather than rely on it in every thing. "One of the researches of an India scholar, Dr. KK Ramchandran ^{said} 'comprehensive training programs and ongoing skill gap can solve the problem of adoption of AI.' It means proper training and skill development is needed

to educate people about AI. Her education and proper adaptation of AI should be implemented to solve the problem related AI

In the nutshell, AI is the death of creativity. As, it puts a lot of negative impacts on people's creativity by spreading its arm in political, economic and many other fields. However there are many different ways to reduce its negative impacts and enhance its role in human

creativity. As, AI is rising human dependence on AI is also enhancing.

There are some reasons that change this dependence into over-dependence.

These are its quality of convenience, extra-productivity, efficiency and accessibility.

Because of the overdependence on AI, it becomes the death of creativity.

People depend on AI in different fields that affects their creativity very badly. As, increasing role of AI in political development, overdependence of on AI in economic fields, effect of AI? problem solving capability, ubiquitous role of AI in education and over reliance

on AI tool in research and development. All these are basically causes of death of creativity in different field. However, there are some way-forward to make best use of AI while preserving human creativity. These are: ^{University} collaboration between AI and creativity, monitor and evaluate the impact of AI, proper education and adaptation of AI. By following above mentioned steps it is hoped that ~~one~~ we can solve the problems between AI and their users. AI should be properly used, as AI is the future of world. And it also holds a power to change the world in both positive and negative direction. As Elon Musk once said: Mark my words AI is far more dangerous than nukes. So, ~~it~~ it is in our hands to use AI to enhance our creativity or to destroy it.