

# Essay

Date \_\_\_\_\_ 20\_\_\_\_  
M T W T F S S

Topic: Artificial intelligence: Death of Creativity

## Outline

### 1] Introduction

Thesis Statement: Artificial intelligence can kill or increase creativity. However up till now it has proved that it can not kill creativity, rather it increases, provided that it is used properly.

### 2] Correlation between artificial intelligence and Creativity.

### 3] Why artificial intelligence can not kill creativity (Thesis)

(a) Artificial intelligence increases productivity which save time and leads to increased Creativity.

(b) Artificial intelligence reduces chance of mathematical error, which increases Creativity.

(c) Man has gotten more inovative because of artificial intelligence, which is evident from complex artificial intelligence powered inventions.

(d) Artificial intelligence has helped reduced cost in Scientific projects, which has increased motivation, which leads to more productivity.

(e) Artificial intelligence is helping Scientist Study earth in a new manner, which is helping in inovation and therefore

would increase creativity.

4] Why artificial intelligence can kill creativity. (Anti-Thesis)

- (a) Due to ample of time, man would engage in other activities, which would deviate him from path and would result in death of creativity.
- (b) Man's dependency on artificial intelligence for mathematics is making him disconnect from work, which ends creativity.
- (c) Artificial Intelligence has made man's innovation limited and man views everything according to artificial intelligence.
- (d) Due to reduced cost scientist are spending time on useless projects which is draining their energy and is going to result in end of creativity.
- (e) The results driven out from artificial intelligence - i.e. by exploring world are assumption, they failure to be proven will make researchers dreadful and is going result in end of Creativity.

4] How artificial intelligence is increasing productivity. (Synthesis.)

- (a) Artificial intelligence increases productivity which gives man more time, it is dependent



upon man, how he utilizes his time.

(b) Artificial intelligence only gives man calculation, it is upon man how he uses the data. Therefore it does not disconnect man from work.

(c) Artificial intelligence is helping man develop other technology, therefore it is making man more innovative

(d) The reduce cost has ended ~~emotional~~ emotional trauma, which has increased productivity

(e) The data if proved to inaccurate can help to explore earth from different perspective.

## 5] Conclusion

In 17th century, Galileo Galilei claimed that 1 Kg of cotton and 1 Kg rocks weighed same. In order to prove his point, he threw both from a height. People were reluctant to accept this and claimed that he had performed Sorcery, eventually the King ordered Galileo's execution for Sorcery. In the same way today people are adamant to accept artificial intelligence. Artificial intelligence can kill creativity or increase it. However up till now it has proved that artificial intelligence can not kill creativity, rather it increases it. Provided that it is used properly. Artificial intelligence can not kill productivity as it increases productivity, makes man more innovative and reduces costs of projects. However many believe that artificial intelligence can kill productivity as it gives man more idle time, limits his innovation and makes him reckless. But up till now artificial intelligence has proven to increase productivity as it gives him more time to focus, provides him accurate data and helps him view world from an other lens.

There is no universal accepted definition

of artificial intelligence, however one thing is decided that it is a self-learning algorithm which helps man. Due to self-learning ability, artificial intelligence can learn and solve many complex problems. In real world it is being used in various fields, however many claim that dependency upon on artificial intelligence is going to make man lazy. Due to laziness man is going to be unproductive and which is going to result in death of creativity. As man is going to leave everything on artificial intelligence and is going to get disconnected from actual work. Hence it is going to kill creativity.

However artificial intelligence is not killing creativity. As it helps in increasing productivity. Artificial intelligence increases productivity, as it can calculate, process and analyze data more quickly than man. Recently artificial intelligence was used to analyse an MRI, the results were accurate and processed more quickly than man would process it. Similarly artificial intelligence tools like Chat gpt are able to summarize 1000 pages documents in a minute. which automatically increases productivity, as productivity increases in less time, people can use their free time and energy in

Other works, which can increase creativity.

Similarly artificial intelligence reduces mathematical error, which contribute to increase productivity.

Artificial intelligence can solve complex mathematical equations, which can puzzle the brightest.

As per report of BBC, published in August 2023, that NASA has employed the artificial intelligence to calculate the data which its gadget from outer space send. The primary reason for using artificial intelligence is that it can calculate quickly and is free from human error.

Likewise artificial intelligence has made man more innovative. After advent of artificial intelligence, man is able to make self-driving vehicles, similarly it has been able create robots which can function like man and replace man at factories, where they were needed. In Japan there are various restaurants there are various restaurants which have replaced waiters with artificial intelligence powered robots who have contributed to increase efficiency. Similarly Microsoft had replaced its many programming

Coders with artificial intelligence as it does work more efficiently. However artificial intelligence has not only benefited society positively, but it has also benefited society in a strange way. Hacking and other forms of online hacking, were done by limited experts, but after artificial intelligence they are done through it, as artificial intelligence can learn everything. As per report of Cyber security 2023, that the increasing incidents of hacking are due to artificial intelligence, as it enables hackers to work process quickly. Similarly the doctored images and videos made through artificial intelligence is hard to differentiation between original and one produced by artificial intelligence. Henceforth artificial intelligence is increasing creativity, not only of common but also of criminals.

Another way through which artificial intelligence is increasing creativity is that it has reduced projects costs. Scientific research and experiments are expensive, which is why most poor countries lack in scientific progress, however artificial intelligence has reduced cost significantly. Project designing

project calculations and project experiments are done virtually through artificial intelligence. Artificial intelligence enables scientist to draw their imagination on real basis, similarly while designing they are able to calculate the figures and experiment it accordingly. If a Scientist wants to experiment regarding atom theory, he would access to Super collider in Switzerland, which is expensive and tedious. However artificial intelligence enables him to do same experiment virtually. The United Nations army is checking its missile design's aerodynamics through virtual reality of artificial intelligence, which would have otherwise ~~take~~ take long time and resources. Henceforth artificial intelligence reduces experiments costs, which motivate and increase creativity of scientist.

Lastly artificial intelligence is helping scientist to explore earth in a scientific manner. Scientist feed data to artificial intelligence which in turn predicts archaeological sites which have not been discovered. Like wise it also studies data and predict geological features of earth. The Nasa had feed artificial intelligence data of G.P.S satellite, through which the artificial intelligence



was able to predict upcoming volcanic eruption. Henceforth artificial intelligence is able help scientist explore earth in a more efficient manner which increases their creativity.

Dr. There is a famous saying that 'all that glitters is not gold' meaning not every shining is beneficial, in same way there are some who believe that artificial intelligence is not beneficial, rather it is counterproductive, it kills creativity.

Many believe that artificial intelligence actually kills productivity and creativity. Artificial intelligence process data quickly and gives result instantly. As it does work quickly, man get ample of free time, which divert their attention to other futile tasks, which results in them losing their focus and it ends creativity. Today many people take five minutes break and end up using their phone which completely deviates them from their aim. Hence the free time rendered by artificial intelligence is going to end productivity of man.

Similarly the dependency on artificial

intelligence for mathematical processing, is going to make man's math weak and will eventually make man numb and end his creativity. Math by regular practice makes man's mind sharp, it is claimed that Archimedes was able to create pulley because of his mathematical creation. Henceforth artificial intelligence is going to keep people away from Maths, which will end their creativity.

Another limitation of artificial intelligence which will eventually end creativity, is that scientists have focused only on artificial intelligence. Science is a diverse field and scientists every subject from multiple ~~angles~~ angle. However after advent of artificial intelligence, scientists are viewing everything from artificial intelligence perspective. From outer space to earth exploration everything is seen from artificial intelligence perspective.

Another fact of artificial intelligence, which ends creativity is of cost. Due to high project cost, scientists and researchers have emotions attached to their projects. But because of low costs scientists and researchers lose their emotional bondage and do not

give maximum efforts into project. Henceforth low costs ends scientist focus which results in end of creativity.

Lastly the data driven out of artificial intelligence while exploring earth is speculative, it is not accurate. If the ground realities are something different than it will shatter scientist expectations and end his confidence which would eventually end of creativity.

There is a famous saying that everything should be used in balance, excess of everything has negative effect. In the same way artificial intelligence should be used with balance, excess of it does have a side effect.

Artificial intelligence does increase productivity and it does give people more free time, however it is upon the person how he utilizes his time, if a person is an enthusiastic, then he will use his free time efficiently. Hence artificial intelligence can increase productivity, which increases creativity.

Another criticism on artificial intelligence is that, it disconnects man from his work.