

How is Artificial Intelligence Transforming the World?

Outline

1. Introduction

Thesis Statement: Artificial Intelligence (AI), having resounding merits, is revolutionizing the fields of medicine, economic, education, transportation etc., but on the otherhand AI has demerits in that it can be used for criminal activities such as exploitation of information, money laundering, terror financing and loss of jobs.

2. How Artificial Intelligence is Transforming the World.

a Artificial Intelligence transforming personal life experiences;

- (i) AI enabled devices like Alexa revolutionizing household experiences
- (ii) AI helping humans in making better choices

b Artificial Intelligence transforming medical sector;

- (i) Telepanic doctors
- (ii) AI helping in better diagnosis of patients
- (iii) AI revolutionizing the battle against pathogens

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c Economic sector is altered for good;

(I) AI enabled marketing

(II) Data enabled business catering the needs of customers

(III) Bringing customers and vendors closer

d Transforming educational sector;

(I) Individual based learning

(II) Helping teachers in better assesment of students

e Revolutionizing transportation;

(I) Autonomous vehicles

(II) Improving fuel efficiency

(III) Efficient traffic management

f Changing nature of jobs for human beings

g Artificial Intelligence can help devise better strategies to counter climate change

h Increasing yield of agricultural products;

(I) Using agricultural robots

(II) Exploiting crop and soil monitoring

3. Demerits Associated with Artificial Intelligence

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a

Invasion of privacy and exploitation of information

b

Loss of certain jobs

c

Fear of overpowering human beings

d

Taking human instinct or emotions out of life

e

Creation of built-in biased algorithms

f

Accelerated hacking and terrorism

4. Conclusion

Essay

How is Artificial Intelligence Transforming the World?

ہم نیکو جو کچھ دیکھتی ہے، لب پہ آسکتا نہیں
ویرت ہوں کہ دنیا کیسا کیا ہو جائے گی۔

"Whatever the eye is seeing cannot be described by the lips

I am lost in amazement as to what the world will become!"

Prophecy the monumental changes that he was seeing in the future, the great poet and philosopher Allama Iqbal wrote these

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words in the penultimate verse of his poem "Shama Aur Shayar" (The Candle and the Poet) included in "Bang-e-Dra" (The Call of the Marching Bell). And, no doubt, his prophecy has become a tangible reality right before our eyes in the form of artificial intelligence that has indeed revolutionized the world we are living in. With its overwhelming influence and profound impact, AI is set to bring transformative changes in every field including the medical, economy, education, transportation, agriculture, etc. But, on the other hand, AI has some demerits associated with it. The first demerit or fear is the idea that AI is going to overrule human world. According to Elon Musk, tech innovator said, "AI will undermine our freedom and security and be detrimental to the survival of the human race in the not so distant future." Moreover, AI can be used in criminal activities such as money laundering, exploitation of information, terror financing and loss of jobs. Notwithstanding these drawbacks, we must not shy away from giving the use of AI in different sectors. As famous Canadian poet, Leonard Cohen, has said, "Everything has a crack in it; that is how the light gets in."