

Essay

Artificial Intelligence ; its promises and Perils.

Outline

1) - Introduction

Thesis Statement:

2) - Crunch Paragraph

3) - How Artificial Intelligence promises to change our lives. (Thesis)

a) - Upgrading the field of medicines improving diagnostic imaging, developed personalized treatment plan.

b) - Improving the yield of agricultural products using agricultural Robots.

c) - Increasing National Security by promoting critical cyber networks and ameliorating defence strategies.

d) - Reducing the impacts of climate change helping in the detection of deforestation using satellite imagery.

e) - Monitoring coal plant hazardous emissions during energy production. Augmenting economy by increasing labour productivity.

4) - How artificial intelligence perils the lives of humans.

a) - Invading human privacy, social

media algorithms have substantial control over people's engagements.

b) - leading to unemployment, replacing manual work with machines.

c) - overpowering human beings, making it impossible for humans to control machine damage.

d) - accelerating hacking and terrorism introducing robotic swarm to attack remotely.

e) - Changing the perspective of decision making through automated advisors; without emotional involvement.

5) - Responsible use of artificial intelligence.

a) Ethical framework required, i.e. highlighting the importance of establishing guidelines for AI development.

b) Education and training like promoting the acquisition of AI literacy and ethical understanding.

c) Transparent algorithms like advocating for Open Source algorithms and explainable AI.

6) - Conclusion.

Introduction.

Artificial intelligence (AI) the simulation of human intelligence in a machine has long gone from delusion to necessity in today's world. It has been the most progressive development in the last few decades, intruding into every known human field. Although AI is not a futuristic vision, it underpins present day life in several disciplines, including health, agriculture, national security, environment, and finance. From helping healthcare professionals to spot potential anomalies to identify criminals, AI has proved itself out and out miraculous. However, despite its splendid rewards in every walk of life, AI has become a controversial arena on account of the threats it poses to human beings. Apprehensively, the predominant perturbation is that a machine would not need to be smarter than humans, or it would pose a critical risk. For instance, in case of social media, ^{the} algorithms have substantial control over what people choose to engage with, thus,

Invading the Privacy of Users and exploiting their information. Another biggest fear is that AI is going to overrule the world of humans. In other words, AI would eventually replace human beings because of its overpowering nature, competing with comparatively weaker human capabilities, thus increasing unemployment and laziness. Hence despite valid concerns, the effects of AI on the world are undeniable, and it keeps developing everyday. However, precautionary steps must need to be taken to use the positive aspects of the invention to create a better world.