

Date: _____

Day: _____

Outline

1. Introduction

A. Merits of Artificial Intelligence (AI)

2.1. AI plays a transforming role in human development.

2.1.1. AI tools such as Chatbots and robots have revolutionized education by making knowledge accessible to a global audience.

2.1.1. In health sector, AI-powered wearable devices have reduced hospital admissions by 30% among chronic disease patients.

2.1.3. For social inclusion of differently-abled individuals, AI-driven assistive technologies can improve employment opportunities for 80% of differently-abled individuals, according to a World Health Organization report.

~~B. Demerits of Artificial Intelligence (AI)~~

~~2.1~~

3.1. AI has the power to revolutionize the economies of the countries.

3.1.1. The use of AI-enabled robots are doing labour intensive jobs in the industries, saving labour costs and time.

3.1.2. Automatic trucks for transport of goods and automatic loading and unloading would save significant human efforts.

3.1.3. Using satellite imagery, weather

Date: _____

Day: _____

Sensors, and data-based algorithms can help to track the crop progress over the entire crop cycle.

4.1. AI has the ability to combat environmental challenges.

4.1.1. Using satellite data, companies like Space Intelligence have mapped over one million hectares of land in more than 30 countries, aiding reforestation efforts and land conservation.

4.1.2. As solid waste contributes to 16% of global greenhouse gas emissions, AI-powered tools are identifying recyclable materials, reducing waste sent to landfills.

4.1.3. AI has simplified the detection and monitoring of melting icebergs in Antarctica.

B. Demerits of Artificial Intelligence (AI)

5.1. AI is significantly impacting the job market.

5.1.1. It is replacing the conventional jobs.

5.1.2. In many factories, automated systems have replaced human workers on assembly lines.

5.1.3. AI is widening the gap between smaller and larger enterprises, as

Date: _____

Day: _____

Smaller enterprises lack the resources to ~~implement~~^{install} AI-driven technology.

5.1.4 AI is raising questions about the future demand of creative skills such as graphic designing.

6.1. AI techniques pose an immense threat to rights of the privacy of the people.

6.1.1. In the Cambridge Analytica case, users' likes and dislikes on Facebook was leveraged to target voters during the U.S. presidential elections.

6.1.2. Personalized ads were shown to social media users to facilitate the U.K.'s exit from the European Union.

7.2. Artificial intelligence has significant adverse impacts on societies.

7.1.1. Microsoft's ^{chatbot} Twitter has exhibited discriminatory behavior due to the biases present in its training data.

7.1.2. In criminal proceedings, AI might suggest harsh sentences based solely on the data it was trained on, ignoring ethical considerations.

7.1.3. The proliferation of AI-powered weapons has made it easier for

Date: _____

Day: _____

terrorists to achieve their destructive objectives.

8.1. Way forward to optimize the use of AI and mitigate its risks:

8.1.1. Improving collaboration across borders and stakeholders groups.

8.1.2. Developing policies to assure that development of AI will be directed at augmenting humans and the common good.

8.1.3. Shifting the priorities of economic, political, and education systems to empower individuals to stay ahead in the "race with the robots".

9. Conclusion.