

Name _____

The Wonders and Limitations of Artificial Intelligence and Machine Learning

Short Answer Key

1. AI and ML lack creativity because creativity requires imagination and emotional understanding, which machines currently cannot replicate.
2. Biased training data can lead to AI and ML systems making biased decisions and perpetuating discrimination or inequality.
3. One field where emotional understanding is crucial is counseling, where empathy and emotional support are essential for helping individuals.
4. High energy consumption of AI is a concern because it contributes to increased carbon emissions and environmental damage.
5. The cost-related challenge associated with developing AI and ML systems is that it can be expensive and time-consuming, limiting accessibility to smaller organizations and individuals.

