

Corrected Text:

Deep learning is a subset of machine learning that uses neural networks with many layers to analyze large sets of data. It excels at recognizing patterns in images, speech, and text, making it powerful for modern artificial intelligence applications. Training deep learning models requires massive computational power, often using GPUs or TPUs to process complex mathematical operations efficiently. Despite its success, deep learning models can be opaque, making it difficult to interpret their decisions or explain their predictions.