Ai in Context

Directions - Read the paragraph below about Artificial Intelligence. Some key words are missing. Use the **Word Bank** to fill in the blanks. Each word is used only once.

Artificial Intelligence, or **(1)** _____, is the field of computer science that focuses on building machines that can perform tasks that usually require human intelligence. A popular branch of AI is **(2)** _____, where algorithms learn from data to make predictions or decisions. One advanced approach is **(3)** _____, which uses layers of **(4)** _____ to process information in ways inspired by the human brain.

Modern AI models, such as **(5)** _____, are trained on massive amounts of text to understand and generate human-like language. These models rely on structures called **(6)** _____, which allow them to handle language efficiently. However, AI also faces challenges like **(7)** _____, when a model gives incorrect or made-up information, and **(8)** _____, which occurs when models reflect unfair patterns found in their training data.

Companies like **(9)** _____, which created ChatGPT, and **(10)** _____, which developed AlphaGo, are leaders in the field. Researchers such as **(11)** _____, known as the "Godfather of AI," and **(12)** _____, who built the ImageNet dataset, have made groundbreaking contributions to how we understand and use AI today.

Word Bank

Neural Networks • Hallucination • Geoffrey Hinton •

Large Language Models • Bias • OpenAI • Transformers •

Deep Learning • AI • Fei-Fei Li • Machine Learning • DeepMind