

AI ML DL?

Artificial Intelligence, Machine Learning , Deep Learning

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Artificial Intelligence

- Artificial intelligence is a technology that enables a machine to simulate human behavior
- The goal of AI is to make a smart computer system like humans to solve complex problems.
- In AI, we make intelligent systems to perform any task like a human.
- AI is working to create an intelligent system that can perform various complex tasks
- AI system is concerned about maximizing the chances of success.

Machine Learning

- Machine learning is a subset of AI which allows a machine to automatically learn from past data without programming explicitly.
- The goal of ML is to allow machines to learn from data so that they can give accurate output.
- In ML, we teach machines with data to perform a particular task and give an accurate result.
- Machine learning is working to create machines that can perform only those specific tasks for which they are trained
- Machine learning is mainly concerned with accuracy and patterns.

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Machine Learning and Deep Learning

- Machine learning and deep learning are the two main subsets of AI.
- Deep learning is the main subset of machine learning.
- Deep learning is a further enhancement to machine learning that was able to come into being due to advances in hardware technology / processing power that allowed for much more complex and sophisticated machine learning.