The Fields of
Artificial Intelligence

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➤ **The field of AI is interdisciplinary in nature**

Cognitive Science

Computer Science

Language Science

Philosophy

Neuroscience

➢ **Is artificial Intelligence a science or an art?**

➢ **It is science.**

➢ **It is art.**

➢ **The impact of AI on science and technology**

• **It can solve some difficult problems in chemistry, biology, geology, engineering and medicine.**

• **It can manipulate robotic devices to perform some useful, repetitive, sensory-motor tasks.**

➢ **Philosophical questions to AI**

• **What would the world be like if we had intelligent machines?**

• **What would the existence of such machines say about the nature of human beings and their relation to the world around them?**

➢ **The method of AI**

• **Narrow sense**

• **Wide sense**

➢ **What machines can do**

- **Problem solving**

- **Natural language processing**

- **Machine vision**

- **Machine learning**

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