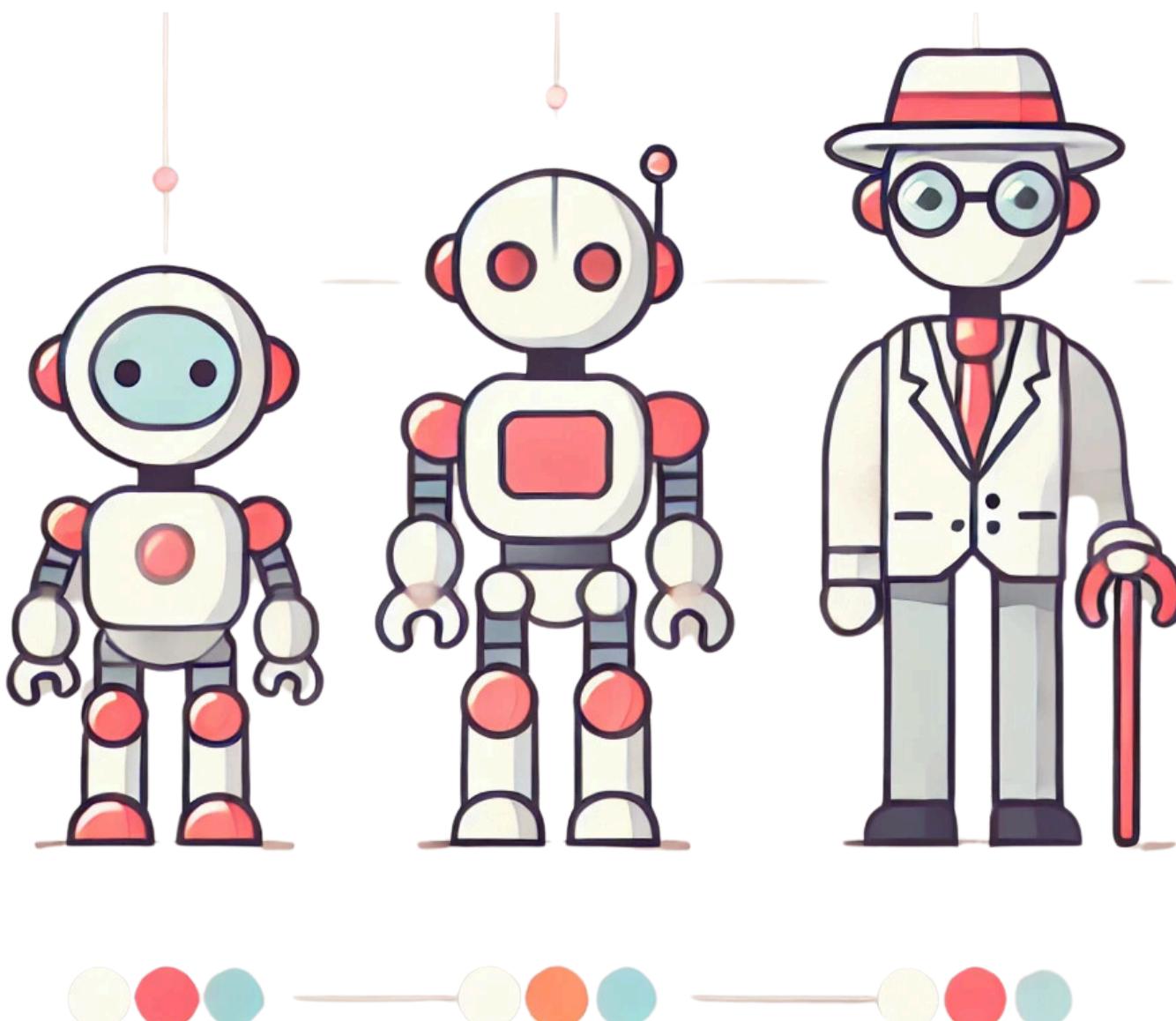


8 Key Capabilities Needed for AGI

How far are we from achieving it?



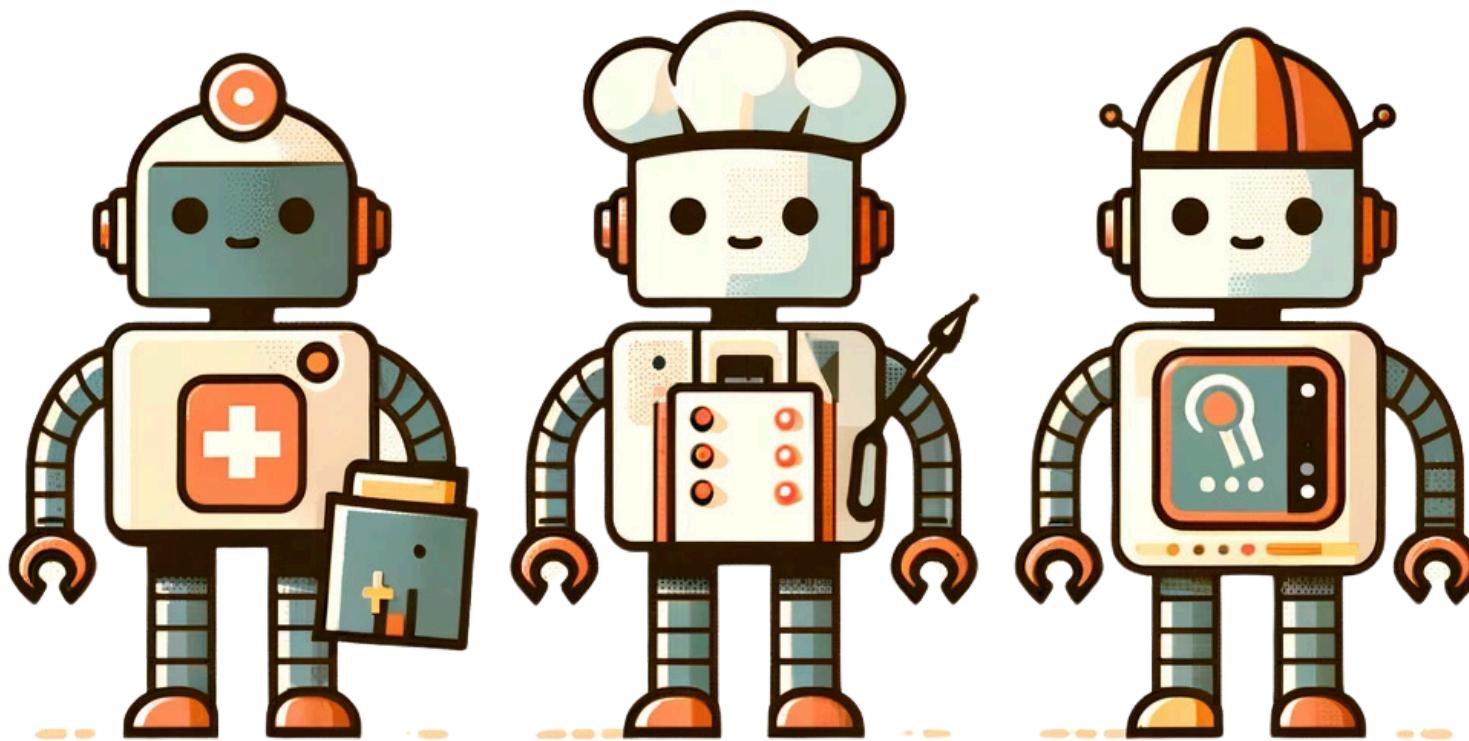
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Generalization Ability

It is the capability to transfer knowledge and skills learned in one domain to another, enabling adaptation to new, unseen situations without extensive retraining.

Generalization allows AGI to handle various tasks and adapt to multiple environments.



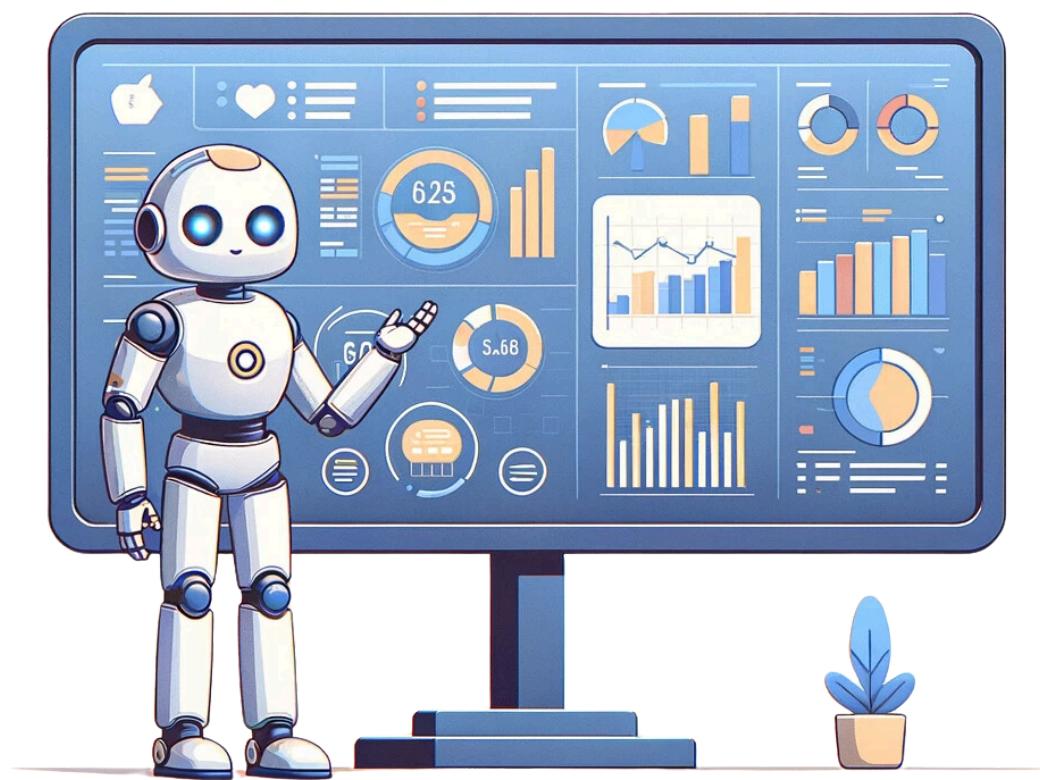
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Common Sense Knowledge

Common sense equates to a repository of knowledge about the world, including facts, relationships, and social norms.

It enables AGI to reason and make decisions based on a general understanding of the world.



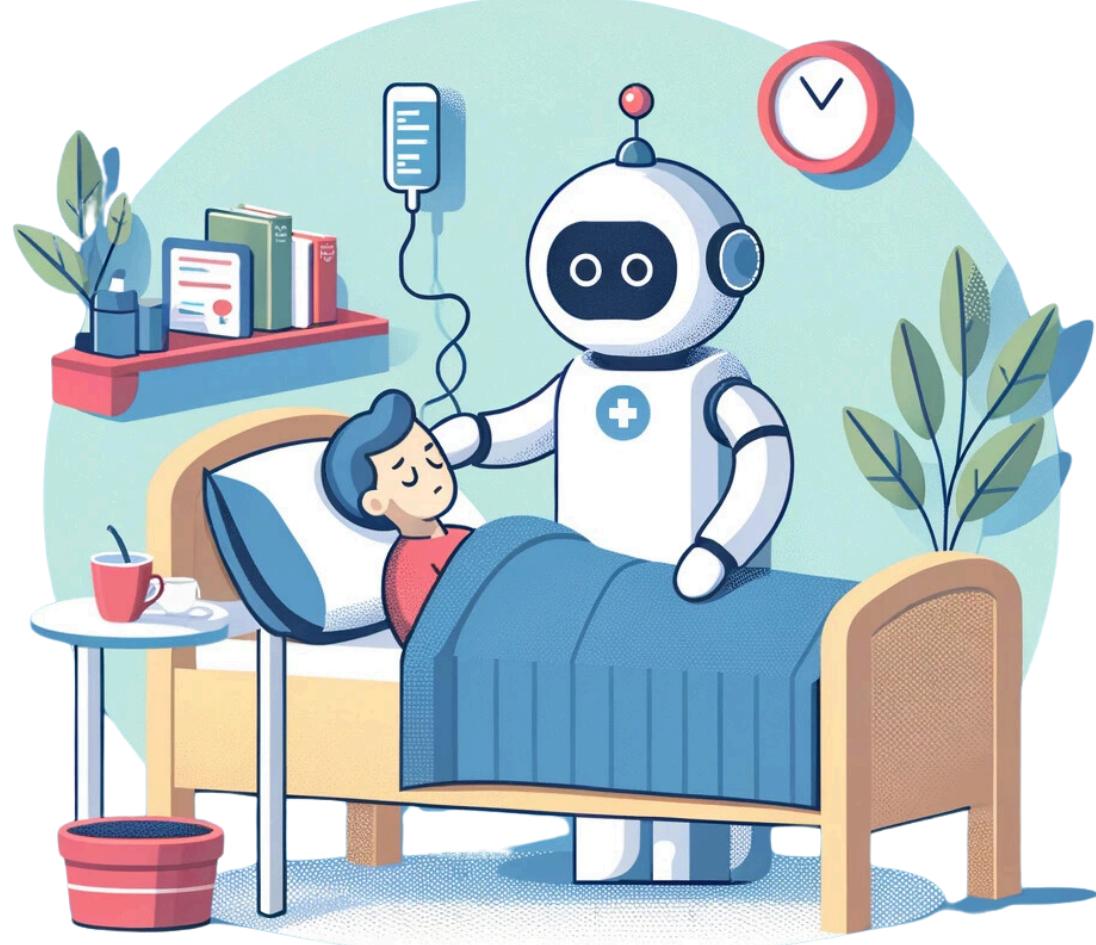
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Sensory Perception

It is the ability to interpret visual, auditory, and other sensory data to make informed decisions based on real-time inputs.

Sensory perception allows AGI to perceive its environment holistically, recognizing objects, sounds, and their significance. This capability is essential for understanding and interacting with the world in a manner similar to human sensory experiences.



Swipe >>>



Abstract Thinking

Abstract thinking is the capability to think in abstract terms, going beyond concrete, immediate experiences.

Abstract thinking is crucial for problem-solving, creativity, and understanding complex concepts. It enables AGI to grasp the underlying principles of various phenomena, facilitating deeper comprehension and innovative solutions.



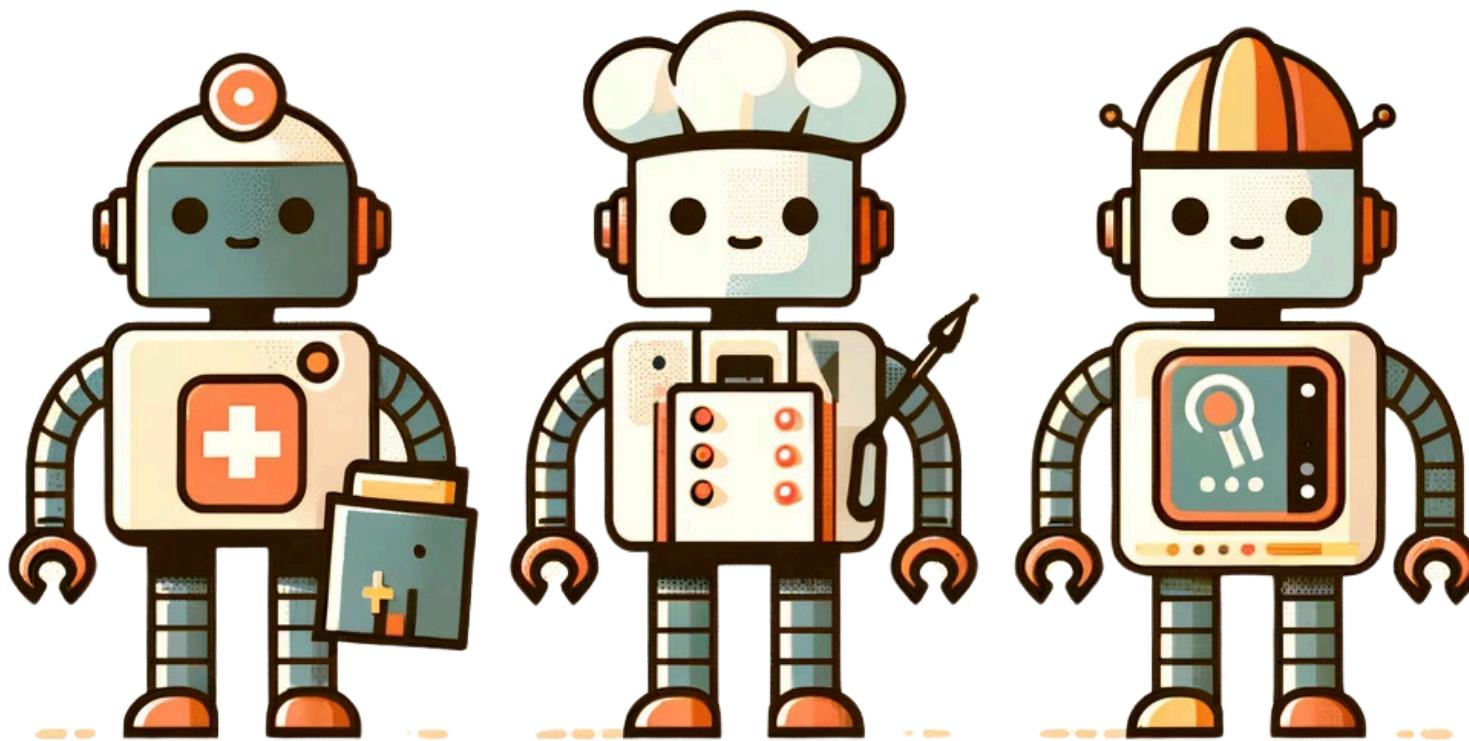
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Background Knowledge

For a robot to possess AGI, it must have extensive information about various subjects that can be applied to new situations.

Background knowledge provides the context needed for reasoning and decision-making across different domains. It enriches AGI's ability to understand and navigate diverse scenarios effectively.



Swipe >>>



Common Sense Reasoning

This involves understanding and reasoning about everyday situations and causal relationships.

Common sense reasoning allows AGI to navigate the physical world and social interactions effectively. This capability helps AGI to make sensible decisions in routine activities and interactions.



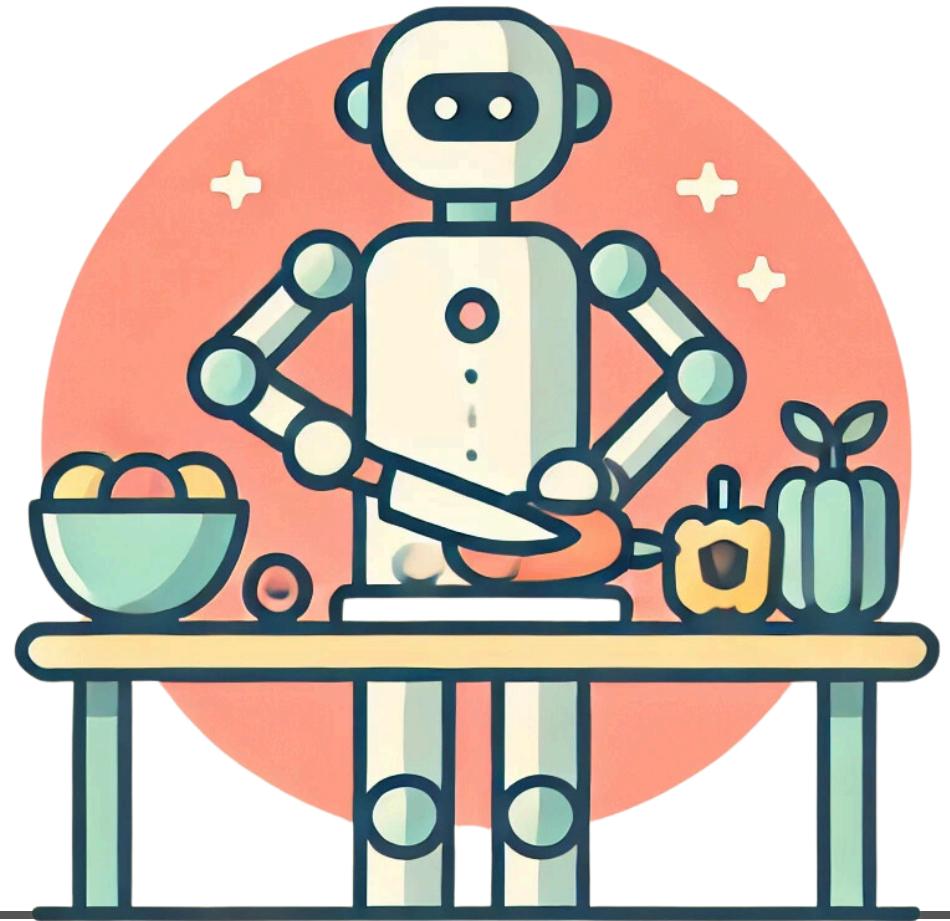
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Fine Motor Skills

It is the capability to handle fragile objects, manipulate tools, and adapt to new physical tasks quickly.

Fine motor skills are essential for tasks requiring precision and physical interaction with the environment. This capability allows AGI to perform delicate and complex physical operations with accuracy.

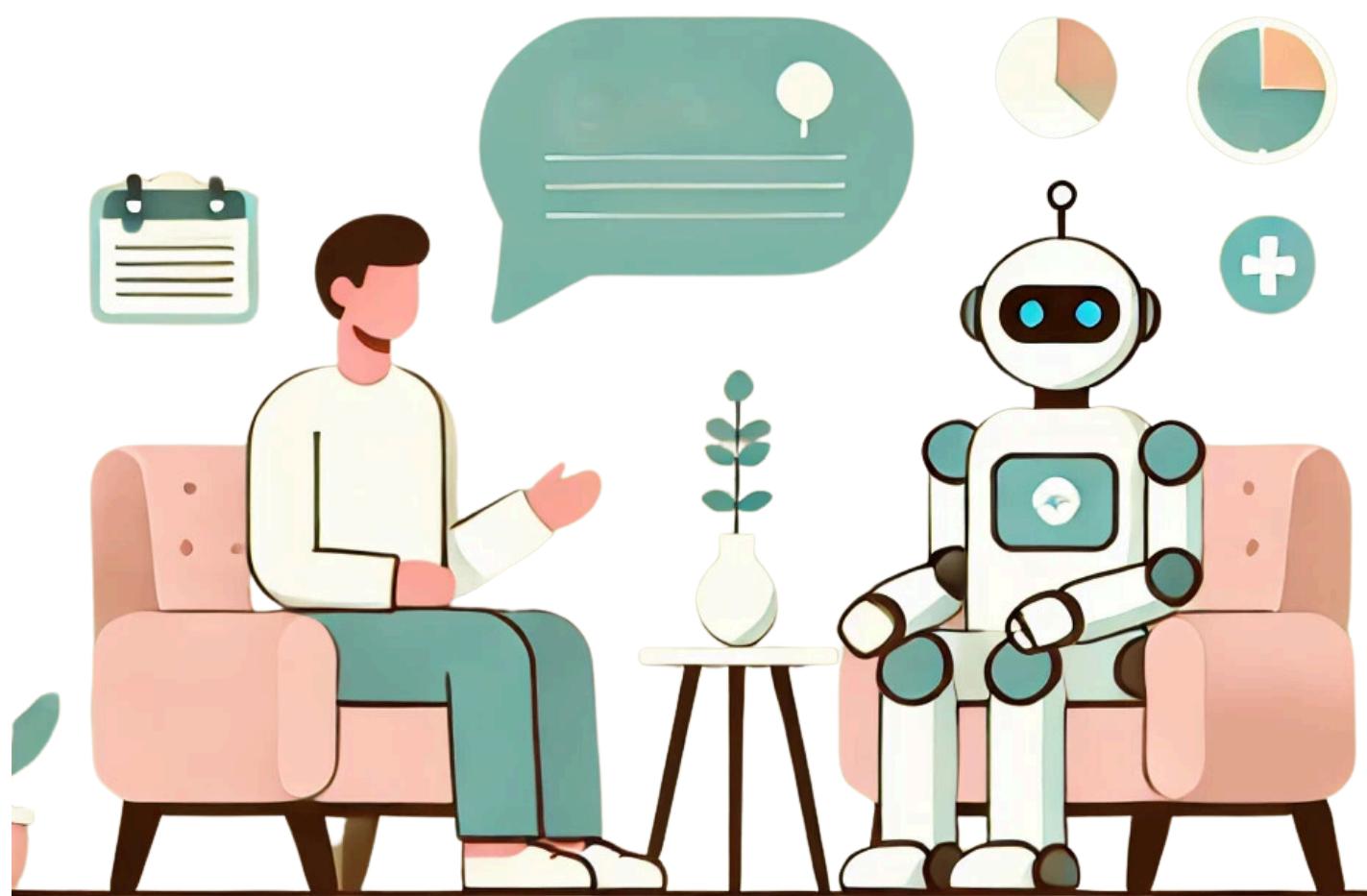


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Emotional and Social Intelligence

Emotional and social intelligence are crucial for meaningful human-AI interactions. This capability enables AGI to perform tasks that require empathy and social awareness, fostering better human-AI collaboration.



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