AI (Artificial Intelligence)

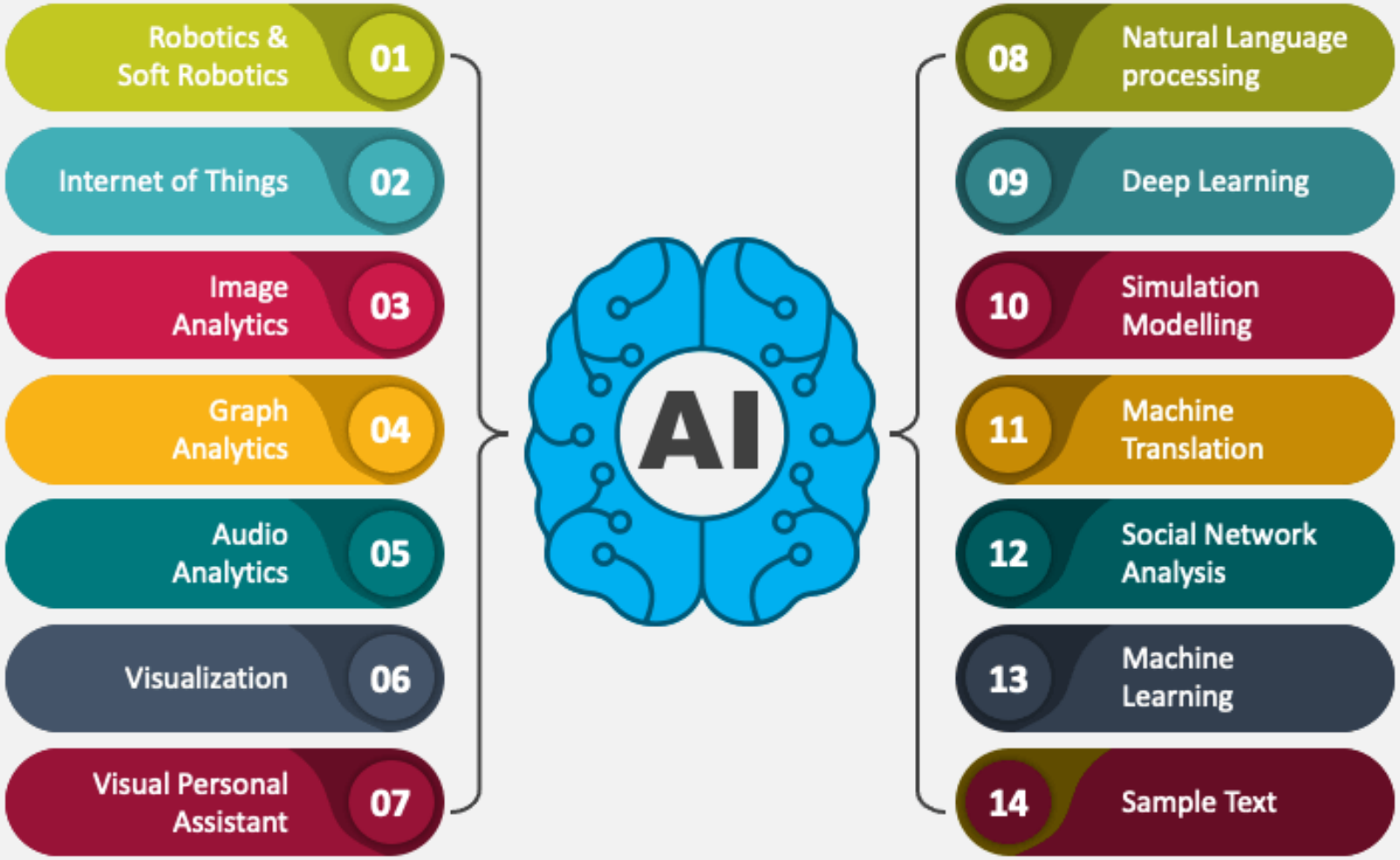
Artificial intelligence (AI) is technology that enables computers and machines to simulate human learning, comprehension, problem solving, decision making, creativity and autonomy.

Artificial intelligence is the simulation of human intelligence processes by machines, especially computer systems.

Source : statista via @mikequindazzi

APPLICATIONS OF AI

Possible Applications for Artificial Intelligence



AI
Finance
Gaming
Astronomy
Health care
Transport
Agriculture
Education
E-Commerce
Entertainment
Robotics
Automotive
Social Media
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Applications of AI

- Healthcare
- Automobile
- Finance
- Surveillance
- Social Media
- Entertainment

- Education
- Space Exploration
- Gaming
- Robotics
- Agriculture
- E-commerce

analyticSteps
TYPES OF AI
AI
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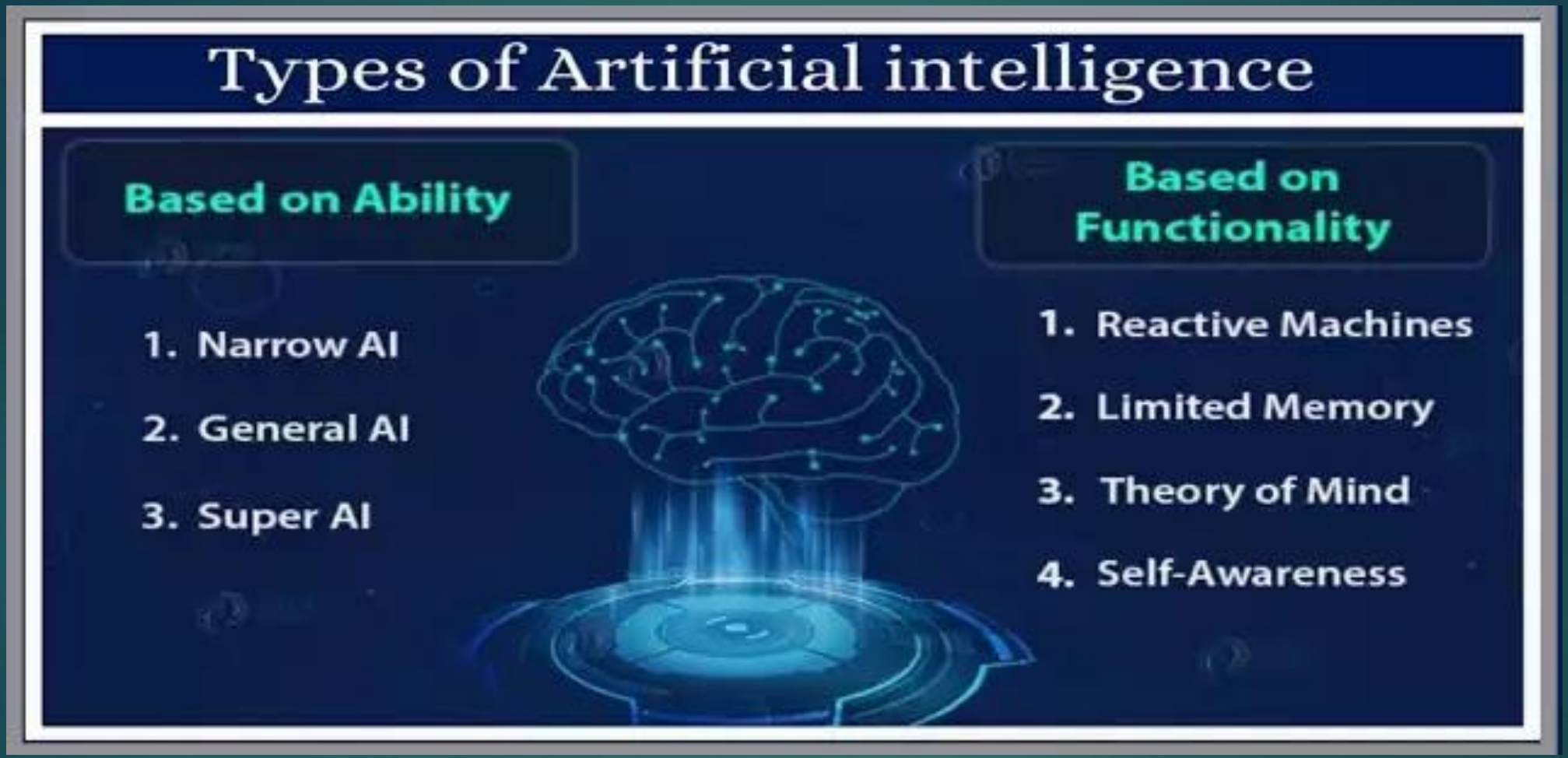
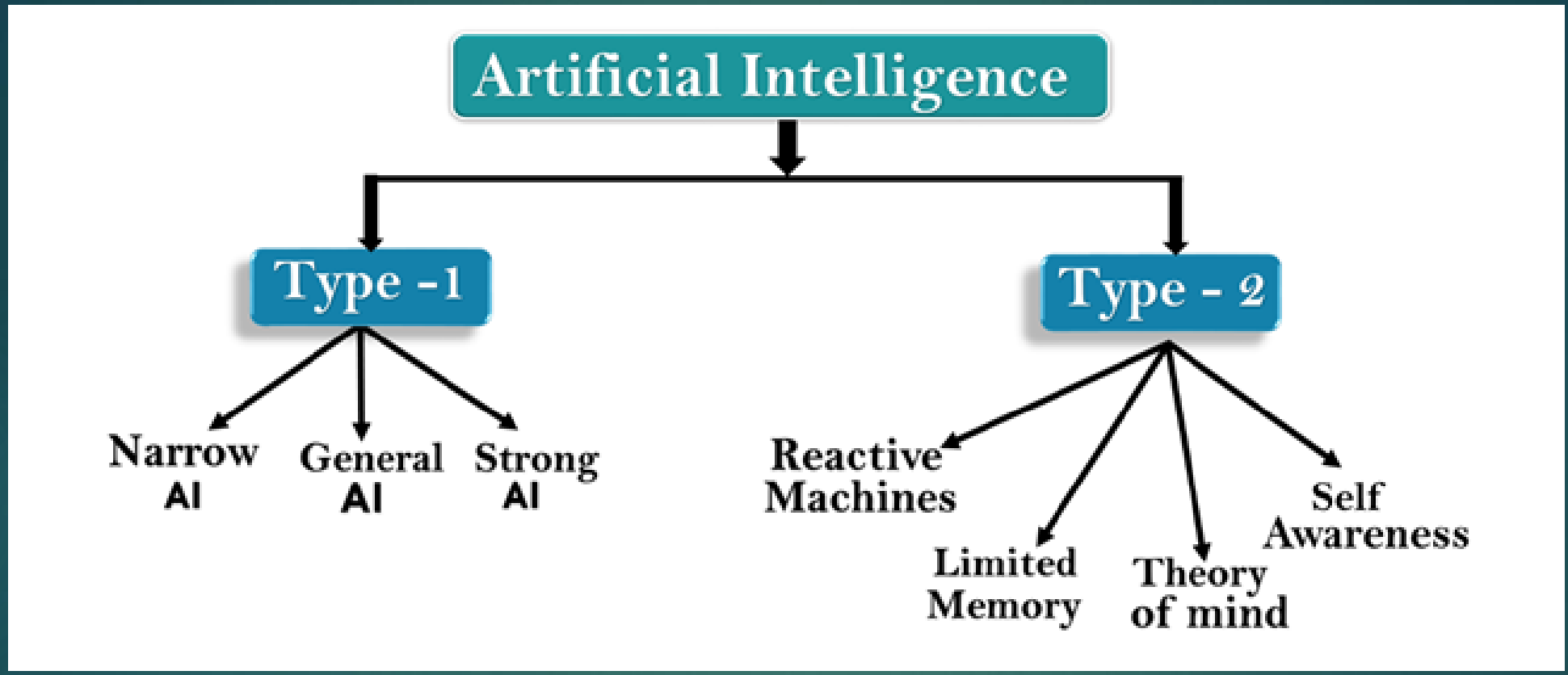
Types of Artificial intelligence




Artificial Intelligence
Type -1
Type - 2
Narrow AI
General AI
Strong AI
Reactive Machines
Limited Memory
Theory of mind
Self Awareness

1. Artificial Narrow AI

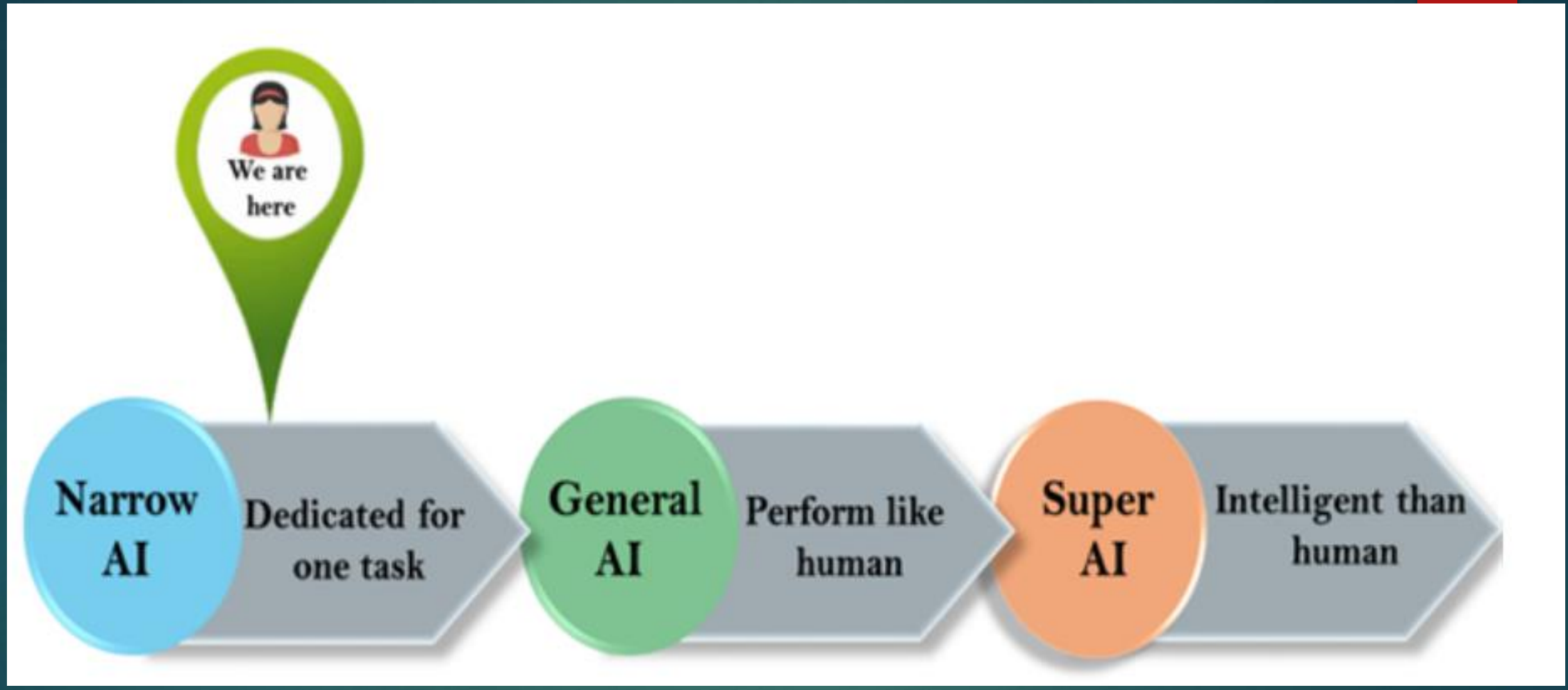
Artificial Narrow Intelligence, also known as Weak AI (what we refer to as Narrow AI), is the only type of AI that exists today. Any other form of AI is theoretical. It can be trained to perform a single or narrow task, often far faster and better than a human mind can.

2. General AI

Artificial General Intelligence (AGI), also known as Strong AI, is today nothing more than a theoretical concept. AGI can use previous learnings and skills to accomplish new tasks in a different context without the need for human beings to train the underlying models. This ability allows AGI to learn and perform any intellectual task that a human being can.

3. Super AI

Super AI is commonly referred to as artificial superintelligence and, like AGI, is strictly theoretical. If ever realized, Super AI would think, reason, learn, make judgements and possess cognitive abilities that surpass those of human beings.


We are here
Narrow AI
Dedicated for one task
General AI
Perform like human
Super AI
Intelligent than human

Artificial Intelligence type-2: Based on functionality

- 1. Reactive Machines
- Purely reactive machines are the most basic types of Artificial Intelligence.
- Such AI systems do not store memories or past experiences for future actions.
- These machines only focus on current scenarios and react on it as per possible best action.
- IBM's Deep Blue system is an example of reactive machines.

2. Limited Memory

- Limited memory machines can store past experiences or some data for a short period of time.
- These machines can use stored data for a limited time period only.
- Self-driving cars are one of the best examples of Limited Memory systems. These cars can store recent speed of nearby cars, the distance of other cars, speed limit, and other information to navigate the road.

3. Theory of Mind

- Theory of Mind AI should understand the human emotions, people, beliefs, and be able to interact socially like humans.
- This type of AI machines are still not developed, but researchers are making lots of efforts and improvement for developing such AI machines.

4. Self-Awareness

- Self-awareness AI is the future of Artificial Intelligence. These machines will be super intelligent, and will have their own consciousness, sentiments, and self-awareness.
- These machines will be smarter than human mind.
- Self-Awareness AI does not exist in reality still and it is a hypothetical concept