



# Artificial Intelligence

by sumit kumar shukla

**Stages of Artificial  
Intelligence ?**

**01**

**02**

**Types of Artificial  
Intelligence**

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**03**

**Branches of AI**

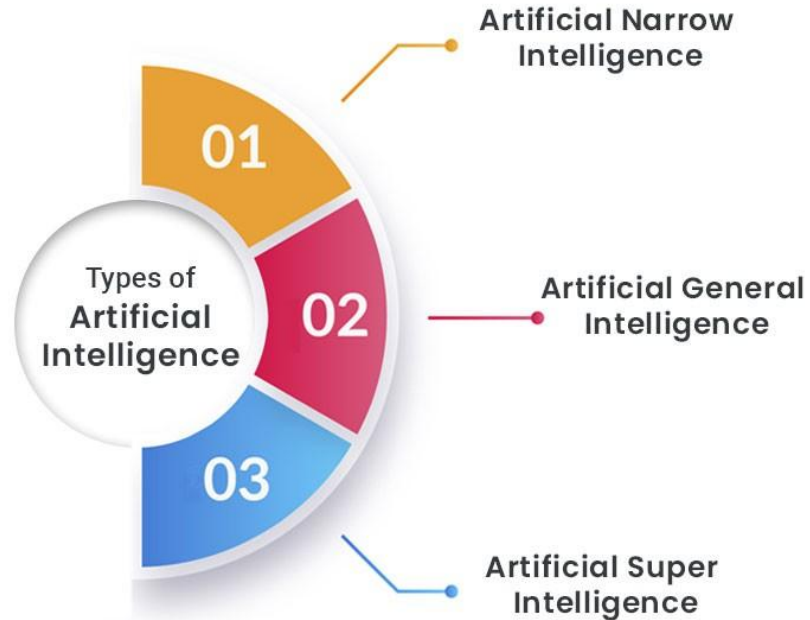
01



# Stages of Artificial Intelligence

# Types of Artificial Intelligence


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# Artificial Narrow Intelligence

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Also known as Weak AI, ANI is the stage of Artificial Intelligence involving machines that can perform only a narrowly defined set of specific tasks.



What can I help  
you with?

# Artificial General Intelligence

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Also known as Strong AI, AGI is the stage in the evolution of Artificial Intelligence wherein machines will possess the ability to think and make decisions just like us humans.



# Artificial Super Intelligence

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Artificial Super Intelligence is the stage of Artificial Intelligence when the capability of computers will surpass human beings.



# Summarizing Stages of AI

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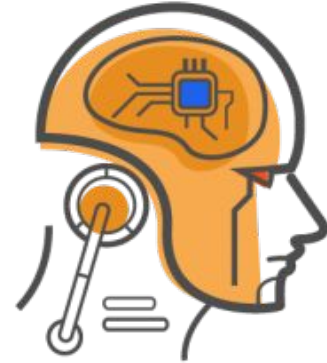
## Narrow AI

Dedicated to assist with or take over specific tasks.



## General AI

Takes knowledge from one domain, transfers to other domain.



## Super AI

Machines that are an order of magnitude smarter than humans.



02



# Types of Artificial Intelligence

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# Reactive Machine

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This type of AI includes machines that operate solely based on the present data, taking into account only the current situation.



# Limited Memory

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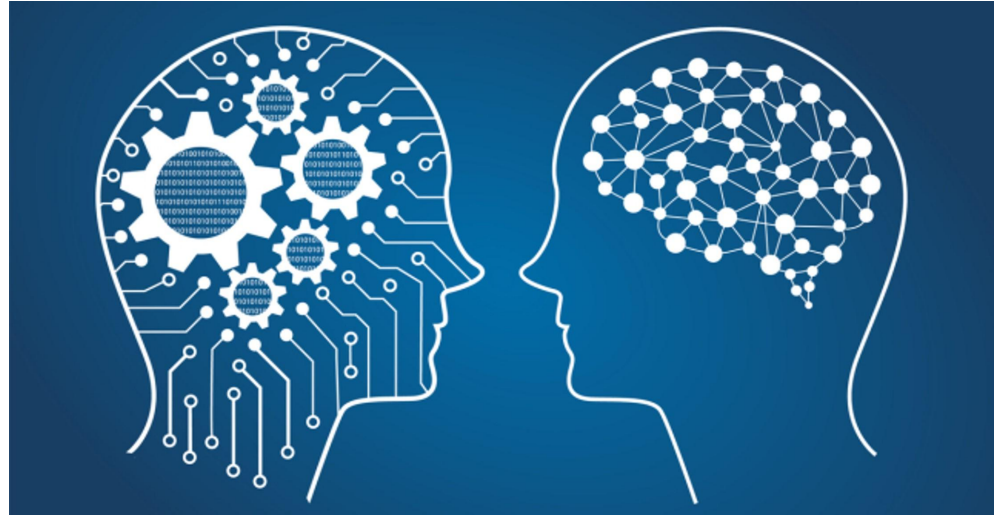
Like the name suggests Limited Memory AI, can make informed and improved decisions by studying the past data from its memory.



# Theory Of Mind

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The Theory Of Mind AI is a more advanced type of Artificial Intelligence. This category of machines is speculated to play a major role in psychology.



# Limited Memory

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This type of AI is a little far fetched given the present circumstances. However, in the future, achieving a stage of superintelligence might be possible.



**03**

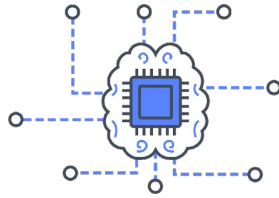


# **Branches of Artificial Intelligence**

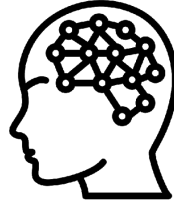
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# Area of AI

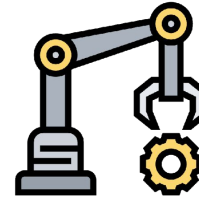
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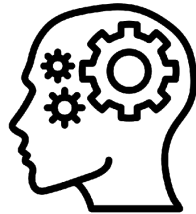
Machine Learning



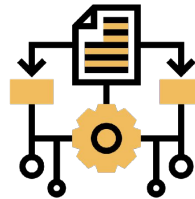
Neural Networks



Robotics



Expert Systems



Fuzzy Logic

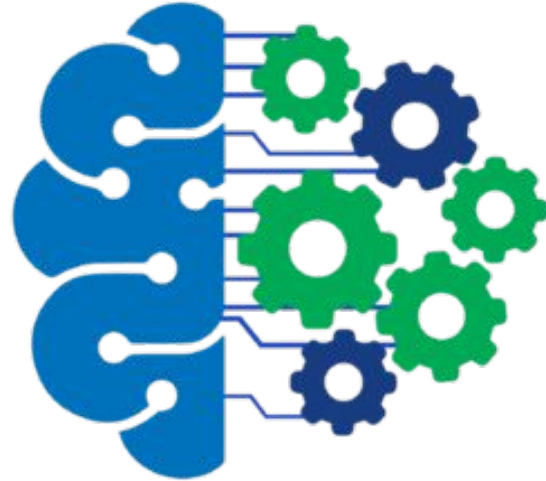


Natural Language  
Processing

# Machine Learning

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*Machine Learning is the science of getting machines to interpret, process and analyze data in order to solve real-world problems.*





# Deep Learning

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Deep Learning is the process of implementing Neural Networks on high dimensional data to gain insights and form solutions.



# Natural Language Processing

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Natural Language Processing (NLP) refers to the science of drawing insights from natural human language in order to communicate with machines and grow businesses.





# Robotics

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Robotics is a branch of Artificial Intelligence which focuses on different branches and application of robots. AI Robots are artificial agents acting in a real-world environment to produce results by taking accountable actions.



# Fuzzy Logic

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Fuzzy logic is a computing approach based on the principles of “degrees of truth” instead of the usual modern computer logic i.e. boolean in nature.



# Expert Systems

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An expert system is an AI-based computer system that learns and reciprocates the decision-making ability of a human expert.



# Thanks!

Do you have any questions?

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