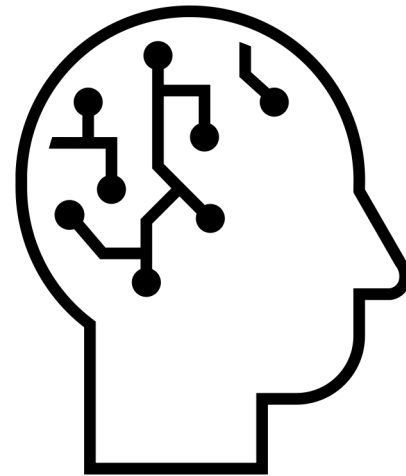


Introduction to Artificial Intelligence



Definition of Artificial Intelligence



Artificial Intelligence refers to the simulation of human intelligence in machines that are programmed to think and learn like humans, enabling them to perform tasks that typically require human intelligence



Artificial Intelligence has a rich history that dates back to the 1950s, with notable milestones including the development of the first AI programs, advancements in machine learning algorithms, and breakthroughs in natural language processing

Applications of Artificial Intelligence



AI in
healthcare

AI in finance

AI in
manufacturing

AI in project
management

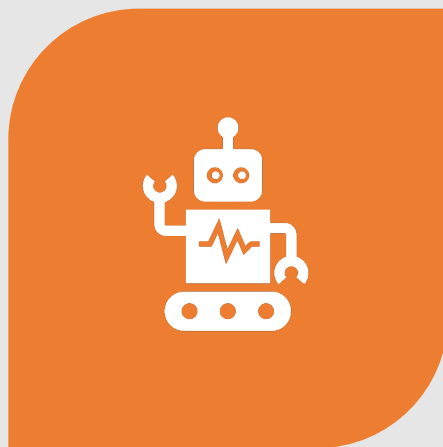
AI in telecom

AI in chatbot

AI in learning

AI in

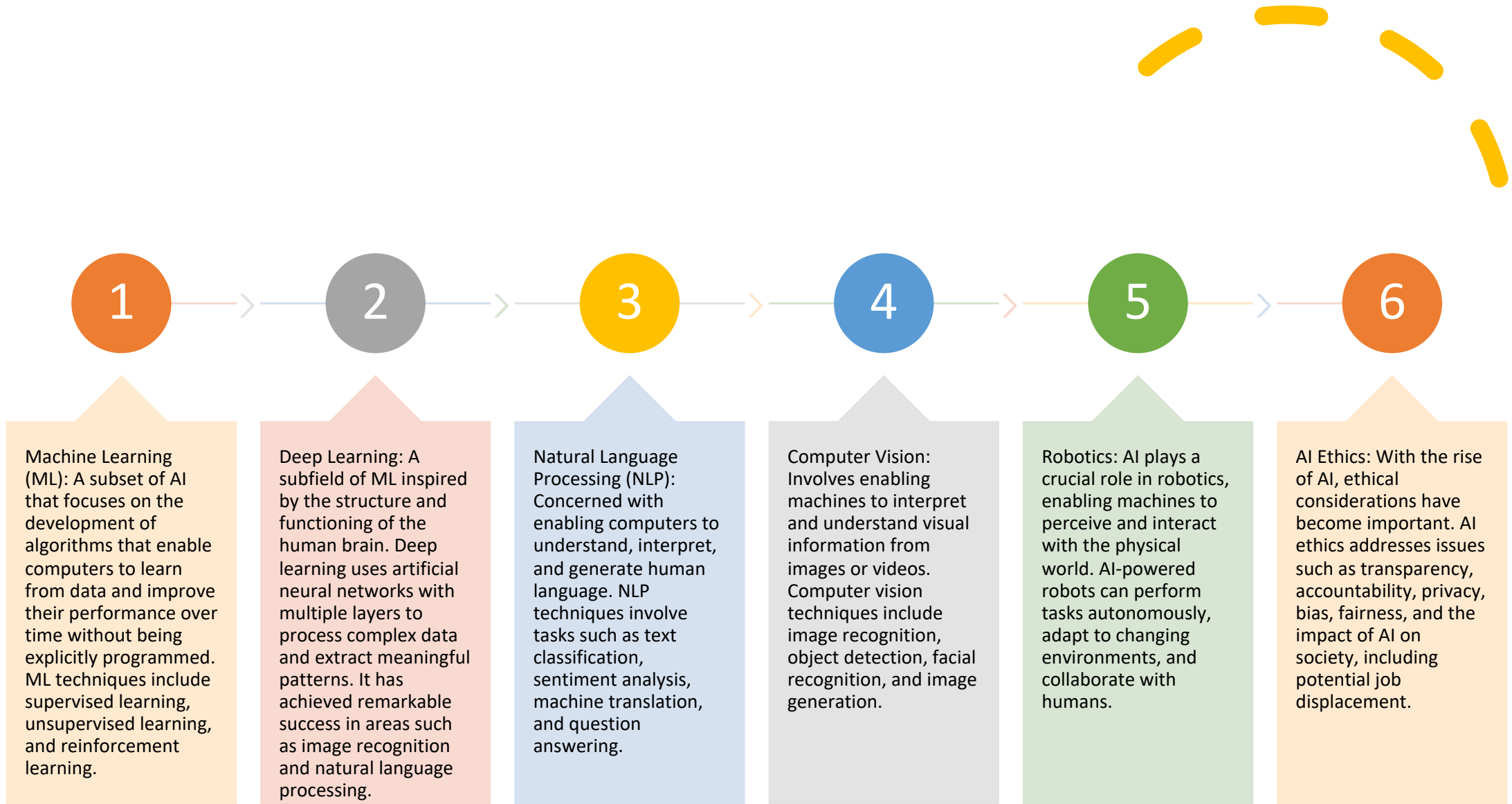
Types of AI



A. NARROW AI (WEAK AI): DESCRIBES AI SYSTEMS CREATED TO CARRY OUT LIMITED FUNCTIONS OR ADDRESS SPECIFIC ISSUES. SPEECH RECOGNITION, PICTURE CATEGORIZATION, AND RECOMMENDATION SYSTEMS ARE A FEW EXAMPLES.



B. GENERAL AI (STRONG AI): DESCRIBES AI SYSTEMS WITH INTELLIGENCE COMPARABLE TO THAT OF A HUMAN BEING AND THE ABILITY TO COMPLETE ANY INTELLECTUAL WORK. THE DEVELOPMENT OF GENERIC AI IS A CONTINUING TOPIC OF STUDY.



Challenges in Employment

As AI becomes more prevalent, there is concern that it will lead to job displacement. Many jobs that are currently done by humans could be automated, leading to unemployment. Additionally, there is a need for workers to develop new skills to keep up with the changing job market.





Future of AI

AI is advancing rapidly, with ongoing research in areas such as explainable AI, AI safety, human-AI collaboration, and AI for social good. The future holds possibilities for AI-driven breakthroughs in various domains, impacting multiple aspects of our lives.

Courses
Available in
R-CAT for AI

Artificial intelligence

SAS India Pvt Ltd

Microsoft Corporation
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