

Scope of Artificial Intelligence and Machine Learning

Quoting the father of Artificial Intelligence, John McCarthy, AI is “The science and engineering of making intelligent machines, especially intelligent computer programs”.

To simplify, some of the activities computers with artificial intelligence are designed for, include:

- Learning
- Planning
- Problem solving
- Speech/Face recognition

The objectives of artificial intelligence such as learning, reasoning, perception and machines are all wired using a cross-disciplinary approach that is based on mathematics, computer science, linguistics, psychology, electronics embedded systems and more.

The ultimate goal of artificial intelligence is to create computer programs that can solve problems and achieve goals like humans would. There is scope in developing machines in robotics, computer vision, language detection machine, game playing, expert systems, speech recognition machine and much more.

The following factors characterise a career in artificial intelligence:

- Automation
- Robotics
- The use of sophisticated computer software

Individuals considering pursuing a career in this field require specific education based on the foundations of math, technology, logic and engineering perspectives. Apart from these, good communication skills (written and verbal) are imperative to convey how AI services and tools will help when employed within industry settings.

Artificial Intelligence has already started to ease the human force with its applications. Predictions showed the extent of its promotion from single root artificial intelligence to its subclass machine learning and deep learning –AI is everywhere and does not step down from the limelight since its invasion.

Of course, all technology will die eventually and will be added to the threading tech list for human life unless the status of AI astonishes the research sector. Here are the estimated future scopes of Artificial Intelligence in coming years:

- AI will be the International Politics
- AI and Automation ahead in Business
- Increased Job Opportunities
- Transparency through AI
- Effective AI Assistants
- AI in science and research
- AI in cyber security
- AI in data analysis
- AI in transport
- AI in home
- AI in health care