1/ Artificial intelligent is the tool that people create to improve the people's lifestyle processes by machines, especially computer systems the ability of a digital [computer](https://www.britannica.com/technology/computer) or computer-controlled [robot](https://www.britannica.com/technology/robot-technology) to perform tasks commonly associated with intelligent beings. The term is frequently applied to the project of developing systems endowed with the [intellectual](https://www.merriam-webster.com/dictionary/intellectual) processes characteristic of humans, such as the ability to reason, discover meaning, generalize, or learn from past experience .

2/AI, Machine learning and deep learning base on learning on the neural network

* **Machine Learning** is built upon some fundamental engineering maths topics, eg: Linear Regression.
* Whereas **Artificial Intelligence** involves more rigorous maths topics like Statistics, which can be quite overwhelming for a beginner.
* Now, **Deep Learning** is a different animal altogether, although much related to Machine Learning. The reason being that, it requires you to be good at imagination, and have the ability to comprehend deeper levels of abstractions. If ML is one layer of calculation, then DL involves multiple levels of it predictively building upon the previous results, similar to the human brain.

3/ AI can do such like , farming, flying, security and surveillance, self-driving cars, sports analytics, retail and fashion, and warehousing and logistics supply chains.

AI can reduce human error, take on risks so humans don’t have to, offer around-the-clock support, make decisions faster, uncover efficiencies, and save money.

In healthcare, AI is playing increasingly important and visible roles, and if it is not yet having an impact on your eye care practice, just wait a minute — chances are, it soon will. In healthcare settings, artificial intelligence is helping improve diagnostic accuracy, analyze health care data, issue clinical alerts, efficiently manage health care services, and even reconstruct patient history. Application areas are clustered around five main regions of the industry: health services management, predictive medicine, patient data, diagnostics, and clinical decision-making. Combined, this is helping health care providers deliver more accurate and informed care faster and at lower costs.

4/ Chip is for deep neural networks and Ascend AI processors :

+ IC vendors

+ Tech Giants and HPC Vendors

+ IP vendors

+ Stratups in Worldwide

5/ Some AI trends we can see that AI can do in the future

+ Replace some jobs .

+ AI will pave the way for even more data sharing.

+ Document AI will optimize processing efficiency.

+ Conversational AI Systems to Become More Advanced

+ Predictive Analytics to Deliver Superior Accuracy with AI

+ Connected Devices to Turn More Advanced with AI + IoT

+ Fewer Cases of Security Breach with AI in Cybersecurity