

## Homework

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After studying and analyzing the topics mentioned in the first lesson and the document slides. I can draw some conclusions for myself as follows. First is the rise and strong development of AI in recent times, AI has been penetrating and participating in the technology industry in a profound way. For example, the introduction mentioned the process of converting the voice of NVIDIA CEO from English to Spanish using AI. I found this process very interesting and it proved the strong ability of AI in the field of language translation. Currently, artificial intelligence AI participates in many topics in which AI supports the process of analyzing and processing data to be accelerated quickly and synchronously, helping us reduce the time of scientific research. From slide 5 we have many topics related to artificial intelligence AI: Machine learning, deep learning and transformers, multimodal deep learning, ... these topics come together and create an artificial intelligence ecosystem in which AI holds a key operating position. For me, I find the topic Deep learning and transformers interesting. I like this topic because I am currently very interested in the ability of artificial intelligence to make independent decisions in real-life situations, which is like training a mindless machine into a living entity.

Currently, I do not have much knowledge and experience in this topic, because this topic requires a huge and broad amount of knowledge, along with practical work experience. My expectation for this topic as well as this course is to learn and understand how the artificial intelligence ecosystem works in different industries. So how does the supporting role of artificial intelligence affect that industry? Will its impact be positive or negative? I hope the course will be clarified.