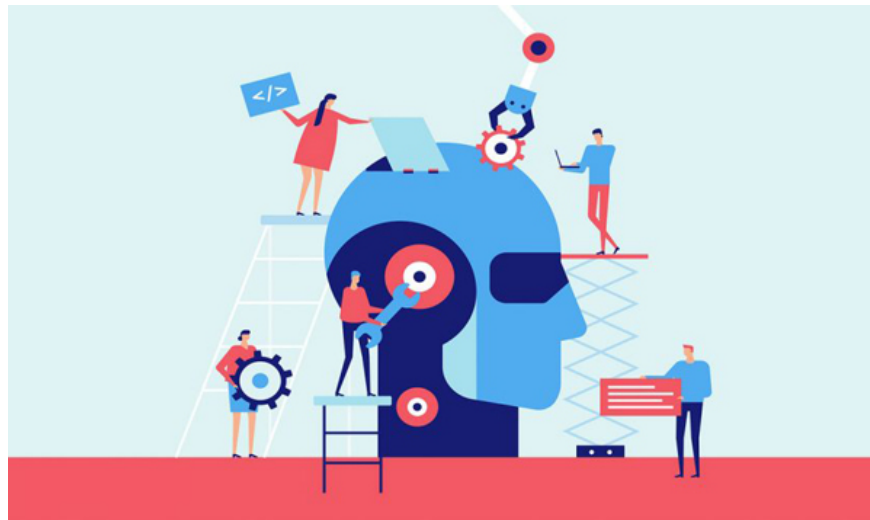


Is artificial intelligence part of Computer Science?

There are a lot of big debates about whether Artificial Intelligence (AI) is part of Data Science? Quantrimang would like to analyze these two concepts separately and then compare them to answer this question.

There are a lot of big debates about whether **Artificial Intelligence (AI) is part of Computer Science?** From the point of view of those who are pursuing Computer Science, AI is always considered a subset of Computer Science, which is evident and mentioned right in the classroom of this field. However, if you deeply analyze both principles and practices, you will certainly discover some differences that make these two fields completely different.



To clarify this topic, Quantrimang would like to analyze these two concepts separately and then compare them to answer the question in the title: **Is Artificial Intelligence a part of Computer Science?**

What is computer science?

Computer science is an industry that studies the theoretical foundations of information and computation and their implementation and application in computer systems. In this field, you will be provided with knowledge about the design, development and application of software and computer systems. Computer science consists of many narrow disciplines, such as computer systems, AI, networking, system security, databases, programming languages, software technology, human interaction with machines. calculator, graphics .



Computer scientists are also responsible for designing algorithms that can be used on different applications to solve practical problems.

What is artificial intelligence?

Artificial intelligence is a branch of Computer Science focused on creating intelligent machines that act like humans. AI machines are designed to perform various tasks such as voice recognition, learning, awareness, planning and solving real problems. One of the areas closely related to AI is the robot. They can take any action if they are provided with enough knowledge about the world around us.



One of the ways for AI systems to do so is through Machine learning. Machine learning studies and builds techniques that allow automated "learning" systems from data to solve problems. Most important aspects of Machine learning are mentioned in Computer Science.

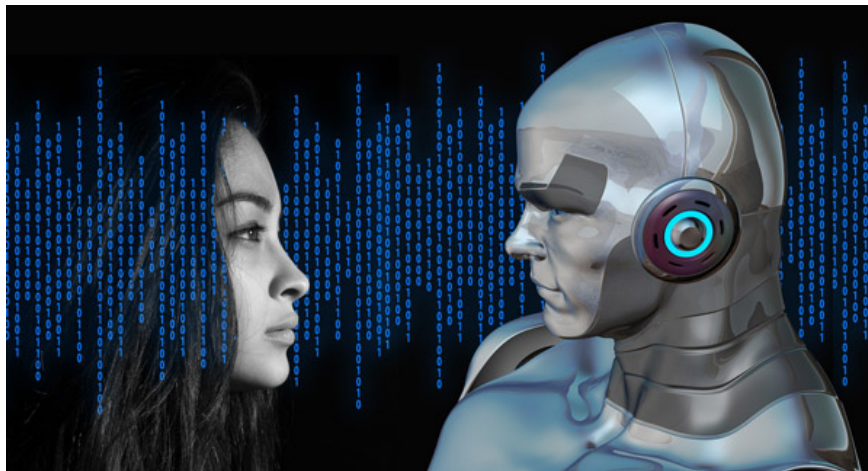
1. AI and Machine Learning in the enterprise

Difference between 2 areas

A clear difference between Computer Science and Artificial Intelligence is about principle. **Computer science based on computer principles is 'stupid' and can't do anything on its own** , computers need to be

programmed to do what people want. Computer scientists have always created special programming languages ??to make it easier to 'communicate' with computers.

Unlike that, **AI is built on the theory that computers are smart** . These devices can think, learn, calculate and remember events. AI also believes that computers outperform humans because they never get tired, can perform tasks continuously for 24 hours even a few days nonstop.



AI requires more skills than just sitting in front of a computer and typing code, and most importantly, interaction. AI machines can talk and better, you can also talk to them, AI will listen to you. They can also guide you to do some things or remind you things around.

Business relationships related to two areas

The work on Computer Science and Artificial Intelligence is closely related . Currently, industries that have applied Artificial Intelligence such as financial systems, business optimization, process management, and data mining almost all depend on the basics of Computer Science. . It can be said that to some extent, AI is eliminating previous jobs depending on human labor.



In addition, jobs within the scope of Artificial Intelligence require some advanced computing skills. This is why a degree in Computer Science can help you have an ideal job in the field of Artificial Intelligence. Computer Science knowledge and skills can help you come up with algorithms that are used to design models to train AI systems.

Artificial intelligence is an area still under development so most job opportunities in this industry are related to learning and research. Most companies are still exploring the opportunity to integrate AI into their devices, which often hire Computer Scientists to support AI studies.

In summary, it can be affirmed that: **Artificial intelligence is part of Computer Science** . The theory and practice of Computer Science has been and will continue to be used in developing future AI systems.

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