Personal Information

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Introduction

Without any doubts, one of the most pressing subjects that has to do with the evolution of humanity in general is the increasing development of Artificial Intelligence, most referred to as A.I. Artificial intelligence is the general capacity of certain machines to process human intelligence into their algorithm, thus giving them the ability to think and act as if they were actual human minds. Common examples of AI include the ability of a machine to comprehend and translate speech along with automatically making decisions in order to fulfill a specific task. Artificial intelligence can be incorporated in many sectors that affect our daily lives, such as Healthcare, Agriculture, Economic and financial services, manufacturing, robotics, transportation and many others that are in need of machine-made decisions.

Presentation

One of these fields that we cope with on a daily basis and is expected to evolve in a self-reliant system where everything can be accomplished automatically, is transportation. Under the Status Quo, we live in an era where vehicles 'function does not depend on human actions. In Asia there has considered to be a massive increase in the use of AI automatically-used vehicles, something that has been proven from the value that the AI automotive market has predicted for the 2020s decade. As we can possibly imagine, the use of Artificial Intelligence in transportation can improve the system in a way that traffic accidents can be avoided. AI can change the whole transportation system, by making it a place that humans only attend and don't work on. When it comes to transportation, except from the function of autonomous vehicles, AI can also be in charge of traffic management, flight delay prediction, intelligent driver care, insurance fraud detection and other ways of making the transportation system a safer environment for people. On the other hand, with AI controlling the transportation system there can always be some risks especially when talking about today's early years of this technological revolution. The main risk of AI in this system concerns the possibilities of a certain malfunction in the algorithm of the machine. When talking about an environment where people are constantly moving around, a certain malfunction might affect the system and can cause damage to the vehicles along with the people inside them.

Reflection

Personally, I believe that transportation is a field that, in a global scale, is in need of improvement.

With the use of AI, I suppose that this improvement can be achieved especially when discussing the matter of safety in the system. With traffic being automatically controlled and vehicles being autonomous, both vehicles and the traffic system can compromise and that way, ensure our safety when we transport. Surely there might be a downside, especially regarding the risks of tings going wrong and our own health being damaged. However, if we compare the possible risks with the benefits that AI brings in this field, I believe that, overall, it does more good than harm. I do support though, that in order for something like this to be implemented in a particular area, it is crucial that it is tested both on if it works and if it fits the specific town or city.

Sources

1) E-school Theme B sub-theme C
2) https://www.techtarget.com/searchenterpriseai/definition/AI-Artificial-Intelligence
3) https://appinventiv.com/blog/ai-in-transportation/#:~:text=AI%20for%20transportation%20can%20help,traffic%20conditions%20and%20potential%20hazards.&text=AI%20helps%20improve%20fuel%20efficiency,how%20to%20accelerate%20and%20brake.