

Paradoxes of Technology

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Description of the paradox within the article

Paradox

Fulfills/creates needs

Technology can facilitate the fulfillment of needs or desires, and technology can lead to the development or awareness of needs or desires previously unrealized

Examples given regarding the paradox within the article

~Technology makes life more comfortable, but more complicated at the same time

More comfortable is the fact that we have cars to get around in, rather than walking and it does not take so long and you can carry more with you when you go.

But it makes life more complicated because you need to make sure that everything's in good working order or you won't get to your destination.

So you need to know more, to know more to live in a society such as this. Just because you know the IBM, doesn't mean that you can sit at a Mac and get something accomplished.

Discussion whether the paradox holds for contemporary technological developments, specifically for AI

AI can be used in a way that fulfills certain needs or creates new ones in a positive way. For example, AI can be used to improve healthcare by developing algorithms that can accurately diagnose and treat diseases. This can help to improve patient outcomes and reduce the workload of healthcare professionals, which can ultimately improve the overall quality of care.

On the other hand, AI can also create new needs or exacerbate existing ones in a negative way. For example, the increasing use of AI in the job market may lead to job displacement and unemployment for certain workers. This can create a need for retraining and education programs to help these individuals learn new skills and adapt to the changing job market. Additionally, the development and deployment of AI may raise **ethical concerns** such as issues related to privacy, bias, and accountability, which can create a need for responsible governance and regulation of AI.

Discussion whether the paradox holds for contemporary technological developments, specifically for AI

One example of how AI can fulfill a need is through the use of virtual assistants, such as Amazon's Alexa or Apple's Siri. These systems use AI to understand and respond to voice commands, allowing users to interact with their devices in a more natural way. This can be particularly useful for people with disabilities or mobility issues who may have difficulty using traditional input methods.

On the other hand, the increasing use of AI in various industries, including finance, healthcare, and transportation, has raised concerns about the potential negative effects on employment. As AI systems become more advanced, they may be able to perform a wider range of tasks, potentially leading to job loss or the need for individuals to retrain in order to stay competitive in the job market. This creates a need for policies and initiatives to address the potential negative impact of AI on employment and ensure that the benefits of AI are distributed fairly.

Discussion whether the paradox holds for contemporary technological developments, specifically for AI

Artificial intelligence (AI) has the potential to meet a wide range of needs and also create new ones. Some examples of how AI can meet existing needs include:

1. Automation of tasks: AI can be used to automate tasks that are repetitive, time-consuming, or require a high level of accuracy. This can help increase efficiency and productivity, as well as reduce the risk of errors.
2. Personalization: AI can be used to provide personalized recommendations or experiences based on an individual's preferences or behavior. This can enhance the customer experience and make it more convenient for people to find what they are looking for.
3. Predictive analytics: AI can be used to analyze large amounts of data and make predictions about future trends or outcomes. This can help businesses make informed decisions and improve their operations.

Some examples of how AI can create new needs include:

1. New job skills: As AI becomes more prevalent in the workplace, it may create a need for individuals to learn new skills or retrain in order to stay competitive in the job market.
2. Ethical considerations: The use of AI raises ethical concerns, such as the potential for bias in algorithms or the impact of automation on employment. This may create a need for more transparency and accountability in the development and use of AI.
3. Social and cultural changes: AI has the potential to transform society and culture in ways that we cannot yet predict. This may create a need for people to adapt to and navigate these changes.

<https://chat.openai.com/chat>



OpenAI's New ChatGPT

Ideas to strengthen positive perspective issues and to eliminate negative perspective concerns for the examples stated at the previous step

To reinforce the uplifting outlook of involving artificial intelligence in medical care, the following steps can be taken

Guaranteeing that man-made intelligence calculations are planned and prepared on assorted and delegate informational collections to limit inclination and further develop exactness.

Laying out clear rules and conventions for the utilization of man-made intelligence in medical services, including contemplations for patient security and assent.

Putting resources into innovative work to keep working on the abilities of artificial intelligence in medical care, for example, creating calculations that can deal with additional perplexing clinical cases.

Attempting to coordinate computer based intelligence into medical services frameworks such that supplements and improves crafted by medical services experts, instead of supplanting them.

Creating instructive and preparing programs for medical care experts to help them comprehend and successfully use computer based intelligence apparatuses in their work.

Ideas to strengthen positive perspective issues and to eliminate negative perspective concerns for the examples stated at the previous step

To address negative point of view worries about the utilization of artificial intelligence in the job market, the following steps can be taken :

Putting resources into retraining and training projects to assist laborers with acquiring new abilities and adjust to the changing position market. This could incorporate giving monetary help or endowments to take care of the expense of schooling and preparing.

Carrying out strategies that empower the turn of events and sending of computer based intelligence in a manner that sets out new positions and open doors, as opposed to simply supplanting existing ones.

Laying out strategies that safeguard the privileges and interests of laborers who might be impacted by the reception of artificial intelligence, for example, by expecting organizations to furnish severance bundles or help with tracking down new business.

Growing clear rules and guidelines around the utilization of artificial intelligence in the job market, including contemplations for specialist security, predisposition, and responsibility.

Attempting to address the basic financial and social factors that might add to work removal and joblessness, like pay imbalance and the absence of admittance to schooling and preparing.

Statement of your opinion regarding the paradox experienced with contemporary technological developments (do you support positive or negative perspective?) Why?

For a variety of reasons, artificial intelligence (AI) is now playing an important role in marketing and e-commerce. Data quantities have increased dramatically in recent years. It is most actively supported by the constant rise in popularity of smartphones and mobile-based company development. And a big volume of data fulfills the key requirement for AI's usefulness. One area that has yet to be extensively explored is how AI can understand the wants of clients.

Another factor driving AI growth is technological advancement. As more data needs to be processed and the more complicated the intended outcome is, the more modern technology solutions are required. The industry has progressed to the point where AI-based technologies can be tested in real time. Do the results indicate that AI can grasp your client's needs? Or perhaps even anticipate them? Yes, It can

One of the most useful aspects about employing AI is extending your target audience and reaching out to potential customers by offering them the required products and services. It enables you to convert prospective clients into actual customers who are loyal to your brand.

Statement of your opinion regarding the paradox experienced with contemporary technological developments (do you support positive or negative perspective?) Why?

Retailers, companies, and any other enterprises can utilize AI to personalize their approach to their target audience and more fully grasp customers' demands. And when you have hundreds of thousands of them, only technology can handle it effectively. And To avoid losing your clients' interest, AI can help you get to know them better and offer them a smart selection of things that they will undoubtedly require. The term "electronic commerce" refers to the sale of electronic goods. the obtained information about the client allows you to see the client's behavior more clearly. Thus, AI is capable of calculating and forecasting their demands. It can frequently suggest products based on the client's previous decisions, experience, habits, behavior, and preferences.

So yes AI can create and fullfills due to the ability of it to collect many data and knows how to deliver the want or the need to the customer