

## **Study on AI and Ethics (How much technology pervades our life?)**

At present AI is powerful -they can complete tasks or heavy work quickly that humans find difficult. Till now AI are trustworthy as they're programmed with a strict ethic that ensures that they are doing not breach trust wherever it's such to be needed not to do any unethical stuff.

Artificial intelligence is self-sufficient in as much as they can choose what they do with their time, apply needs and settle on choices about how best to do the undertakings they are set, yet they don't choose their very own ways. They could, breach the law of ethics and also inefficient use of assets.

A few specialists anticipate that AI later on will have the capacity to do anything people cannot, better and quicker. That might be valid regarding everything as that it can be coded in numerical logic, but what I feel is however people are more than parallel, legitimate machines. We work in a simple world and have social and enthusiastic insight that shifts from one culture to culture. The simple awareness of people can't be copied in parallel code. It must be reproduced.

Personally, I think an AI system built out of mathematic and logics should have no rights of autonomy; no independent power. You can trust it to work very reliably in the way it was programmed and/or evolved. But whether you can “trust” the technology not to do bad things against you will depend on how much you trust the social system surrounding the design and development. Those people “in charge” of any AI project should be accountable for the results

Imagine we develop Artificial Intelligence, for our emotions. The notion of "general" is very broad and implies that the AI system is close to an all-knowing oracle. It would know how it feels to be in love, to grief, to be enlightened, to experience physical pain. However, all these feelings and emotion is the exclusive domain of biological entities. Anyhow this AI in whatever guise lacks a heart, blood pressure, gender-induced tension, a nervous system, etc., and can only offer pseudo-answers to these questions.

AI systems should function according to values that are aligned to those of humans, so that they are accepted by our societies and by the environment in which they are intended to function. This is essential not just in autonomous systems, but also in systems based on human-machine collaboration, since value misalignment could preclude or impede effective teamwork. It is not yet clear what values machines should use, and how to embed these values into them. Several ethical

theories, defined for humans, are being considered as well as the implications of their use within a machine, in order to find the best way to define and adapt values from humans to machines.

In industries like healthcare and finance, the relevant professional ethical principles are explicitly encoded and practiced by professionals in the field already. In AI systems designed to help professionals in these domains, these best practices and principles could form the core of the ethics module for such systems. Ethics modules, however, should be constantly adapted to reflect humans' best practices in their everyday profession

Unfortunately, it is also impossible to hold any one person or organization accountable for their uses either. Each is responsible for too small a part of the machine's work.

We envision a future in which every AI system will need to have its own ethics module to allow for a fruitful interaction and collaboration with humans in the environments in which it is used. This could be achieved by developing an ethics API that can be adapted to specific professions and real-life scenarios. It would provide the main principles and values the AI systems should base its behavior on, as well as the capability to dynamically adapt them over time to tune them to the real situations that are encountered in that profession or environment. Such an Artificial Intelligence: Potential Benefits and Ethical Considerations approach could offer sufficient value alignment without compromising the full problem-solving potential of artificial intelligence.

AI has already started influencing us and the impact is tangible. The need of the hour is we prepare ourselves to embrace the change. Also, we need to create more AI programs aimed at bringing social change, fighting against poverty and malnutrition.

I will conclude by stating a quote --“The development of full artificial intelligence could spell the end of the human race....It would take off on its own, and re-design itself at an ever increasing rate. Humans, who are limited by slow biological evolution, couldn't compete, and would be superseded.”— Stephen Hawking told the BBC

References:-

- 1) [Artificial Intelligence: Potential Benefits and Ethical Considerations](#)
- 2) [The Ethics of Artificial Intelligence](#)