Article 3 : « ROLE OF ARTIFICIAL INTELLIGENCE IN MONITORING COVID-19 IN INDIA »

This article called « Role of artificial intelligence in monitoring Covid-19 in India » has been written by DR. Madhavi Srivastava for the Maharishi University of Information Technology. This article utilizes an Onion technique, which allowed the researcher to employ both quantitative and qualitative methods. The researcher also adopted the interpretivism research philosophy, enabling qualitative data validation without the need for new data verification.

The primary aim of this research is to assess the pros and cons of AI in pandemic management and control.

The article highlights the main advantages of using AI over humans: AI doesn't fall sick so doesn't take days off and rests, can manage vast amounts of data simultaneously unlike humans who are limited by their brains , and, if programmed correctly, avoids human errors such as careless mistakes even though the more technological advance be the more efficient AI will become.

AI presents numerous benefits in this scenario. It can forecast virus propagation, aid in treatment development, and oversee patient well-being in such an effective way that the human being could never do. Moreover AI's proficiency in making consistent, flawless decisions proves indispensable in navigating the various challenges of the pandemic.

AI have severals great advantages such as fighting with a greater efficiency fraudulent communication on social media, predict with more accurately the spread of the virus, it can also assist in treatment development and monitor patient health. Moreover, AI have the incredible ability of handling a large amount of data that a human couldn't even dream of doing and with almost no mistakes witch is a major advantage in the health sector.

In the field of diagnosis and drug discovery, AI has proven to be more efficient than prominent field specialists. However, before entrusting AI with complete control over healthcare systems (diagnostics, vaccine research, etc.), more comprehensive databases are required. This article showcases the powerful potential of AI by illustrating its management of COVID-19, demonstrating its effectiveness across various everyday life domains.

But with all that, various challenges still remains to trust AI completely in this vital sector that is healthcare. First, regarding data privacy, in this sector, data is highly sensitive so using AI can raise questions about security and data privacy. Now, regarding ethical consideration, AI doest have feelings, its just datas, so this can lead to unfair and discriminatory outcomes for some groups or peoples. Lastly and more importantly, AI performances depends on the quality and quantity of datas, so in some cases there isn't enough datas or datas aren't accurate enough to use it.

Overall, AI presents a great potential in the healthcare industry, this article mainly focused on combatting the covid 19 but even beyond, when taking the whole healthcare in general, AI will be a massive asset in the near future.